FIRST TAKE!
NIKON N80
Compact, Lightweight Entry-Level Pro SLR

KICK-ASS FILTERING • PHOTO INKJETS—BEST YET!

Outdoor Photographer®

SCENIC WILDLIFE TRAVEL SPORTS

MAY 2000

Super How-To!

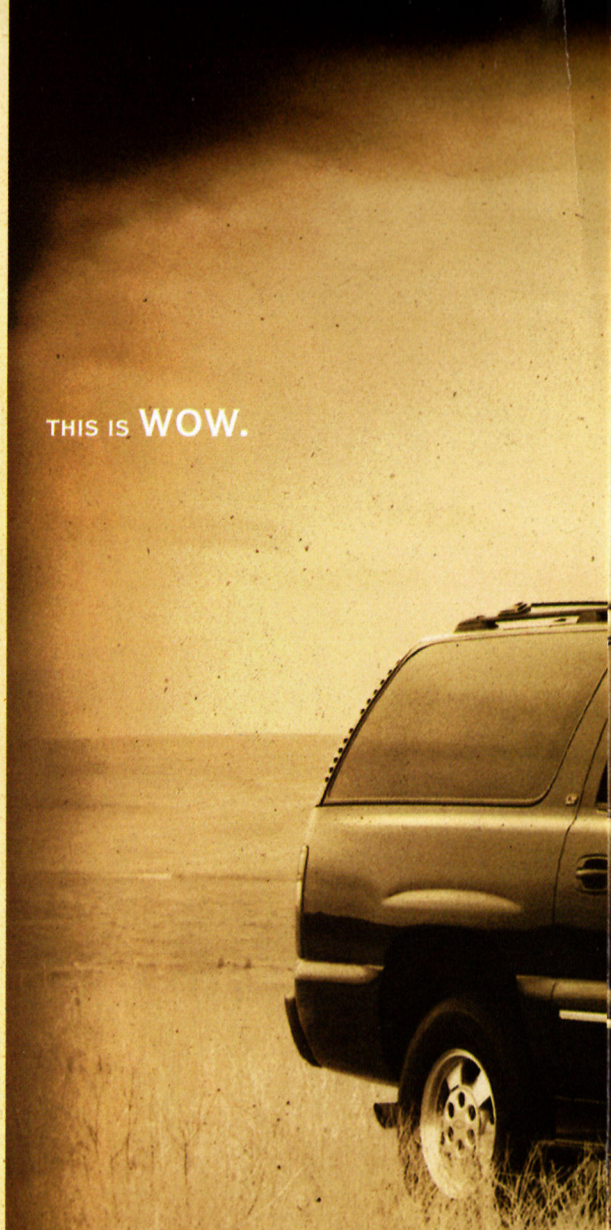
- Break The Mold! Tele-Scenics & Wide-Angle Wildlife
- 10 Tips For Success With Long Lenses
- Choosing & Using The Right Film
- Must-Have Filters!
- Go AF With 645 Format
- Lepp's Super Flower Secrets
- Deep Forests: Cope With Wet & Dark
- Compositional Bracketing

Two Masters, Will Travel
SCENIC AMERICA

www.outdoorphotographer.com

THAT WAS **THEN.**

THIS IS **WOW.**



IN 1935, THERE WAS NOTHING ELSE QUITE LIKE THE CHEVY™ SUBURBAN.® NOW, NEARLY 65 YEARS LATER, IT'S STILL AN ORIGINA

MORE POWERFUL VORTEC™ V8 ENGINES, AND IMPROVED TOWING AND HAULING CAPABILITIES. THE BEST SUBURBA

©1999 GM Corp. Buckle up, America! 1-800-950-2438 or www.chevrolet.com

THE ALL-NEW 2000 CHEVY SUBURBAN HAS A MORE COMFORTABLE INTERIOR, SMOOTHER RIDE,

YET ISN'T MERELY AN EXTENSION OF ITS HERITAGE. IT'S THE BEGINNING OF A NEW ERA.

SUBURBAN

LIKE A ROCK

The Canon
BJC-8200 Color Bubble Jet
Photo Printer

Photos in Minutes

No more trips to the photo lab for enlargements. The BJC-8200 delivers professional-quality 8" x 10" photographs in approximately three minutes.*

Picture-Perfect Quality

1,536 nozzles apply microfine ink drops just 4 picoliters in size to create unprecedented tonal scale and complex detail.

©2000 Canon Computer Systems, Inc. Canon and BJC are registered trademarks and Canon Know How, Bubble Jet, Canon Think Tank System and MicroFine Droplet Technology are trademarks of Canon Inc. All other product

Unlike our competitors, this is not the first device we've made for photographers.

Introducing our latest innovation for photographers: The BJC-8200 Color Bubble Jet™ Photo Printer with 1200 x 1200 dpi resolution. Combining Canon's exclusive MicroFine Droplet Technology™ with a 1,536-nozzle printhead, the BJC-8200 gives you the freedom to print professional-quality 8" x 10" prints at your leisure. In approximately three minutes.* And using Canon Photo Paper Pro in concert with our six-color ink system, you'll get rich, glossy output that rivals the results of photo labs. In other words, we've just brought the darkroom to your desktop.

The perfect solution for any photography enthusiast, the BJC-8200 is compatible with both Mac® and PC computers. But most important, it's the only photo printer from a company that knows a thing or two about photography. For more information, visit our Web site at www.BJC8200.com or call 1-800-OK-CANON.

Canon KNOW HOW™

1200 x 1200 Resolution

The BJC-8200's razor-sharp 1200 x 1200 dpi resolution is nearly 40% higher than ink jet printers with 1440 x 720 dpi.

Ultimate Value

With the Canon Think Tank System,™ you'll save money for years to come by replacing ink tanks individually, instead of wasting the entire cartridge.

and brand names are trademarks of their respective owners. Specifications subject to change without notice. *Results based on SuperPhoto driver setting (1200 x 1200 dpi) with Canon Photo Paper Pro. In Canada, call 1-800-263-1121.

FOR THE PHOTOGRAPHER WHO

KNOWS THE RULES WELL ENOUGH TO

DISREGARD THEM COMPLETELY.

For those who would have gone for the more conventional shot, there are plenty of cameras that would have sufficed. But for photographers striving for a different point of view, we proudly offer the N80, a camera engineered to fulfill the needs of more passionate photo enthusiasts. With Electronic Depth-of-Field Preview to help you

The new N80™

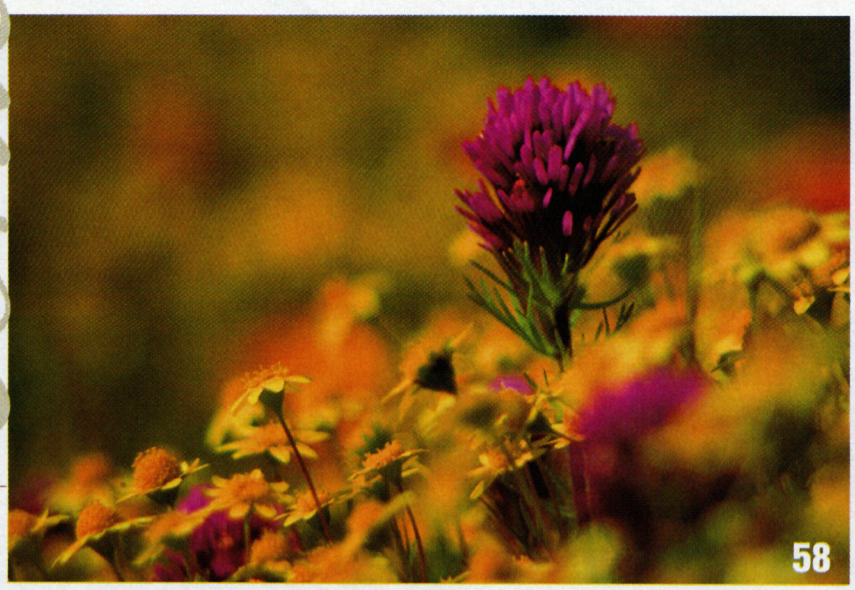
confirm the area of sharpest focus. 10 segment 3D Matrix Metering, for uncannily accurate exposures. And On-Demand Grid Lines—our exclusive viewfinder composition tool. Not to mention comprehensive exposure control systems, 18 programmable Custom Functions, built-in Speedlight, and Focus Tracking with Lock-On™ designed to practically anticipate your next move. Which means you can spend less time setting up your shot, and more time envisioning it.

▲ Circle No. 215 on Reader Service Card.

contents

Outdoor Photographer®

May 2000 Scenic Travel Wildlife Sports Vol. 16 No. 4



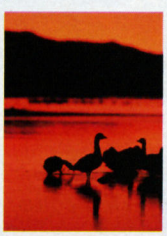
How-To

58 Flowers: The Ultimate Outdoor Subject
The quantity and availability of flowers makes them perfect for trying out new techniques
By ***Rob Sheppard*** */ Photography By* ***George Lepp***

72 For The Love Of Kick-Ass Filtering
Learn the ins and outs of why and how to use filters to gain maximum control over your photographs
Text And Photography By ***Daryl Benson***

88 The Challenge Of The Forest
Shooting in the dark, wet conditions under the forest canopy can yield great photographs when you know how to do it
Text And Photography By ***Brad Wrobleski***

92 Compositional Bracketing
Ten tips to help you make the most of your favorite subjects
By ***Orlando Hiller*** */ Photography By* ***Orlando Hiller***
And ***Wayne Bennett***



96 Ten Telephoto Tips
Use longer lenses for better wildlife photos
Text And Photography By ***Janie Moore Greene***

100 Off The Beaten Path
Modern sport-utility vehicles give you a safe and easy way to get away from the crowds and into your own corner of the outdoors
Text And Photography By ***Christopher Robinson***

112 A New Perspective
Experiment with your wide-angle lenses for wildlife and your telephotos for landscapes to get a different look at nature
By ***Michael Sewell*** *With* ***Denise Sewell***
Photography By ***Michael Sewell***

Features

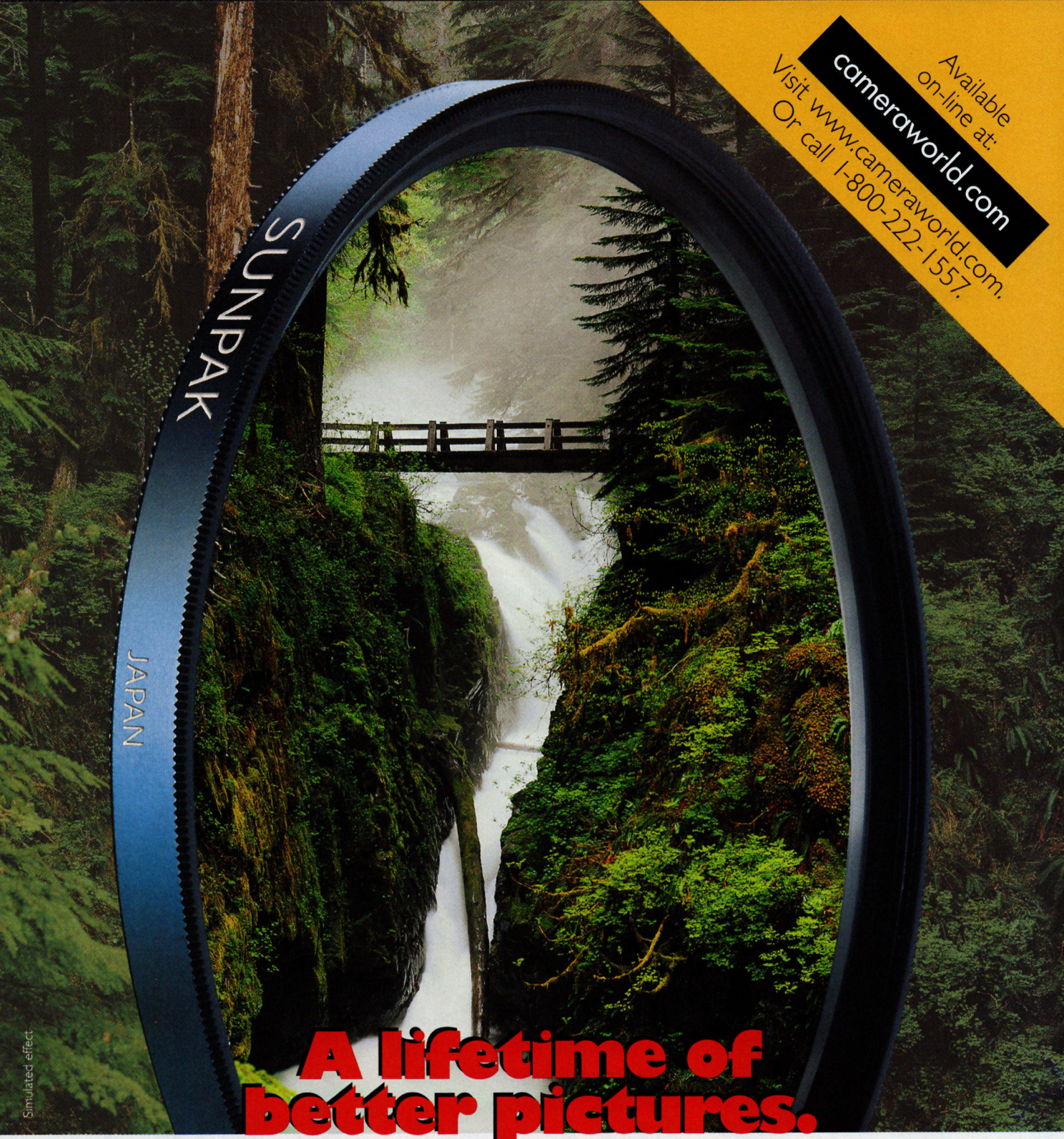
Travel

66 Two In America
An intrepid pair of photographers takes an insightful look at the essence of America
By ***Ed Lawrence***
Photography By ***Sonja Bullaty***
And ***Angelo Lomeo***

53

Check out our Web site @ www.outdoorphotographer.com

More On Next Page ▸



Available on-line at:
cameraworld.com
Visit www.cameraworld.com.
Or call 1-800-222-1557.

A lifetime of better pictures. Guaranteed.

Introducing Sunpak PicturesPlus™ Filters.

Our trusted name is now on a new line of popular filters, backed by an extraordinary no-questions-asked lifetime warranty. Filters built to our exacting standards so you focus on the image, not on your camera. No-nonsense filters to help you make the most of almost every photo opportunity.

Discover how Sunpak PicturesPlus Filters can make you the better photographer you know you are. Ask your dealer about the full line of filters and our lifetime warranty, today.

ToCAD America Inc.
300 Webro Road
Parsippany, NJ 07054
973.428.9800
www.tocad.com

SUNPAK®
PicturesPlus Filters.
See us in a new light.

▲ Circle No. 252 on Reader Service Card.

Outdoor Photographer®

Equipment

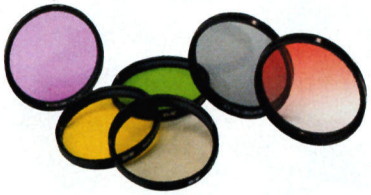
53 First Look!: Nikon N80

82 Choose The Right Film
Be prepared for every travel photo op by carrying a variety of films
Text And Photography By ***Rick Sammon***

104 Your Best Prints
The current lineup of photographic inkjet printers gives photographers the control and quality to make prints better than ever
Text And Photography By ***Graeme Fordyce***

108 Down East Winter Blues
The new feature-packed Mamiya 645AF's combination of medium-format image quality and an autofocus system turned disappointing weather into a photographic opportunity
Text And Photography By
Jerry** And **Marcy Monkman

118 Gadget Bag: Must-Have Filters!
Choosing and using the key filters for outdoor photography
By ***William Sawalich***



Columns

32 PHOTO ADVENTURE:
Borrego Is For Bighorn
By ***Galen Rowell***

38 BASIC JONES:
Balance
By ***Dewitt Jones***

42 TECH TIPS:
Lens Advantages
By ***George Lepp***

46 TRAVELER'S EYE:
The Continuing Journey
By ***Lisl Dennis***

54 FOCUS ON NATURE:
Corporate Wilderness
By ***John Netherton***

Departments

16 In This Issue
17 Cover Shot
18 Letters
22 In Focus
36 Favorite Places:
Black Point Wildlife Drive, Florida
123 Photo Lab Showcase
124 Travel & Workshops
126 Reader Information Service
134 Almanac
170 Last Frame

Outdoor Photographer®

Editorial

Steven D. Werner • *Publisher/Editorial Director*
Rob Sheppard • *Editor*
Kurt R. Smith • *Art Director*
Christopher Robinson • *Managing Editor*
Maggie Devcich • *Associate Editor/ Editorial Production Manager*
William Sawalich • *Features Editor*
Wes G. Pitts • *Associate Editor*
Melissa Brandzel • *Copy Editor*
George Lepp • *Field Editor*
Lisl Dennis, Dewitt Jones, Frans Lanting George Lepp, William Neill, John Netherton Galen Rowell, Leonard Lee Rue III *Columnists*
Graeme Fordyce, Mark Edward Harris Lewis Kemper, James Lawrence, John Shaw *Contributing Editors*
Kevin Crosslin *Associate Art Director*
Chad Larson *Assistant Artist*
Jim Brandenburg, Daryl Benson Carr Clifton, Jeff Foott Robert Glenn Ketchum, David Muench Michael Nichols, Chris Noble Pete Saloutos, David Stoecklein, Art Wolfe *Professional Advisors*

Advertising

(310) 820-1500
Debra I. Levine • *Advertising Director*
Michael E. McMann • *Advertising Sales Manager*
Mark Harris • *Advertising Sales Manager*
Richard E. Vincent • *Advertising Sales Manager*
John B. Thornburgh • *Detroit Account Manager*
Brian Cody • *Special Classification Advertising Manager*
Pamela Perrine • *Special Classification Advertising Manager*
Daniela Liese, Claudia Warren *Advertising Coordinators*
Tiffany Beaudion, Ingrid Johnson, Zen Warne *Marketing Assistants*

Operations

Lynne Irvine • *General Manager*
Dorothy Werner • *Vice President*
Jesse Garcia • *Production Manager*
Dan Regan • *Circulation Director*
Eric Lowenbach • *Circulation Coordinator*
Mark Janusz • *Newsstand Sales Manager*
Lorie Shuman • *Accounting Manager*
Hanni Duran • *Accounting Assistant*

Printed in the U.S.A.

Outdoor Photographer *is published monthly except bimonthly Jan./Feb. and Jul./Aug. by Werner Publishing Corp. Executive, editorial and advertising offices: 12121 Wilshire Blvd., Ste. 1200, Los Angeles, CA 90025-1176, (310) 820-1500. e-mail us (editorial matters only) editors@outdoorphotographer.com or visit our Web site at www.outdoorphotographer.com*

Copyright © 2000 by Werner Publishing Corp. No material may be reproduced without written permission. This publication is purchased with the understanding that information presented is from many sources for which there can be no warranty or responsibility by the publisher as to accuracy, originality or completeness. It is sold with the understanding that the publisher is not engaged in rendering product endorsements or providing instruction as a substitute for appropriate training by qualified sources. EDITORIAL SUBMISSION: **Outdoor Photographer** *assumes no responsibility for solicited or unsolicited contributions and materials. Submissions for review should be limited to no more than 40 photographs. Please submit duplicates for our review. Otherwise, insurance for such materials, in transit or in our possession, must be the responsibility of the writer or photographer.* **Outdoor Photographer** *does not accept or agree to the conditions and stipulations printed on delivery memos, packing slips and related correspondence as they are presented without prior notice accompanying submission materials. Exceptions to this disclaimer of liability on the part of* **Outdoor Photographer** *must be prearranged, executed in writing and signed by both parties prior to the shipment of materials in question. All submissions must be accompanied by a self-addressed, stamped envelope (SASE) with sufficient postage to cover the cost of return. The class of mail and insurance coverage for returns will be determined by the amount provided for on the SASE. Writer/photographer guidelines are available on request, with the enclosure of an SASE. BACK ISSUES are available for one year prior to the current issue. To order within U.S., send $5.50 plus $2.50 postage and handling (foreign: $5.50 plus $5.00), for each issue to Back Issue Dept.,* **Outdoor Photographer** *Magazine, 12121 Wilshire Blvd., Suite 1200, Los Angeles, CA 90025-1176. No orders processed without proper funds and specific issue information.*

Subscription Problem? Call 800-283-4410 or e-mail: outdoorphotographer@neodata.com

Member, Audit Bureau of Circulations

The only exposure meter you'll ever need!

The SEKONIC® L-508 Zoom Master

Incident Meter. For measuring ambient, flash or mixed lighting. Features 270° swivel head. Lumisphere retracts for light source measurements.

Zoom Spot Reflected Light Meter. Zooms from 4° to 1° for precise, parallax-free reflected light measurements.

Flash Meter. Measures flash in incident or reflected mode, cord or cordless, auto reset and cumulative multiple flash.

Weather Proof and Rugged Design. Sealed against moisture, sand and dust.

More Features. Back lit display, memory, averaging, brightness difference, digital and analog read outs and much more.

Price: Best Value for the Money! At better camera stores everywhere or contact us for free literature, or visit our web site.

SEKONIC®

because light is the challenge℠

SEKONIC PROFESSIONAL DIVISION
MAMIYA AMERICA CORPORATION 8 Westchester Plaza, Elmsford, NY 10523 • Phone: 914-347-3300 • Toll free FAX: 800-321-2205 • www.sekonic.com • E-mail: info@sekonic.com

HERE YOU
SEE A PRINT
THAT'S
PHOTO-LAB
PERFECT.

YOU'VE GOT TO SEE IT IN EPSON COLOR.

HERE YOU SEE THE PRINTER THAT CREATED IT.

$299

Epson Stylus Photo 870 Ink Jet Printer
The best for photo-lab quality

The moment was perfect – and your shot captured it all. Now, your printer can too, just like the output on the left. Every blush of color is realized. Every feather of detail revealed. All created with new papers and inks that keep their brilliance long after others have faded. That's the magic of this Epson printer. Arguably, the rarest bird on this page.

INTRODUCING THE ONLY PHOTO PRINTER THAT GIVES YOU TRUE PHOTO-LAB RESULTS.

This model features: 6-color photo inks for smooth gradation and accurate skin tones • 1440 x 720 dpi and ultrafine 4 picoliter droplets for incredible detail and laser-sharp text • New papers and inks for prints that last as long as standard color photos • Fast print speeds – 48 seconds for a 4" x 6" photo and under 2 minutes for an 8" x 10" • Exclusive technology for edge-to-edge snapshot printing • Windows/Mac compatibility. For more information on Epson's full line of photo printers, call 1-800-GO-EPSON or visit epson.com.

Epson and EPSON Stylus are registered trademarks of Seiko Epson Corp. ©2000 Epson America, Inc.

A rare nose-to-nose meeting between Carol McBride's cat, Manny and her dog, Marley.

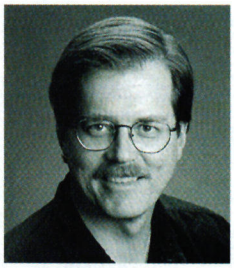
Film or digital photography. Free processing. Create online photo albums. Share via the Internet. Pay only for the pictures

© 2000 Ofoto, Inc. All rights reserved.

Smile.

you love. Get the best prints you've ever seen of the stuff you never want to forget. Happy? www.ofoto.com.

▲ Circle No. 253 on Reader Service Card.

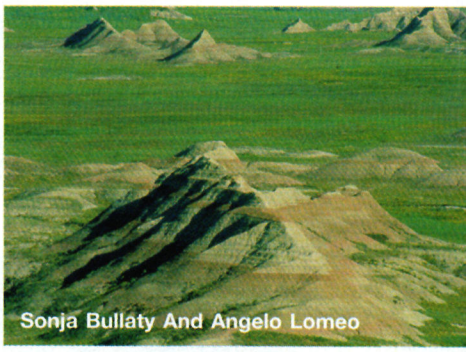


Flowers are absolutely one of my favorite subjects. I actually studied them in college (majoring in plant and soil science as an undergrad). I love their wonderful sensuality of color and form. I also like the fact that whenever I want to do some outdoor photography, but I don't have time for a lengthy trip, flowers are usually a ready subject (especially here in Los Angeles).

Flowers are a wonderful subject for all of us, and so we went to a master, our columnist **George Lepp**, for some ideas on capturing really terrific flower images. George truly loves getting down and dirty with the blooms, trying out all sorts of photographic techniques on them, and then telling everyone about it. George is no wallflower when it comes to sharing his tips and techniques. He has been at it since *OP*'s beginnings, and is one of those rare photographers who's not only a master craftsperson, but also a terrific communicator about his craft.

George Lepp

Sonja Bullaty and Angelo Lomeo are another pair of master photographers who have been doing what they love for a long time. More than 50 years ago, Sonja (born in Prague) and Angelo (born in New York) met and discovered a strong common interest in photography, got married and began to photograph America from coast to coast for many, many assignments. A few years ago, they looked over their huge collection of images and decided they needed to make a book. We're honored to share this couple's love affair with America and each other with you.



Sonja Bullaty And Angelo Lomeo

Every issue of *OP* features some how-to articles, of course. George even snuck in some how-to information in his portfolio of flower images. In addition, **Michael Sewell** shows us how to break up confined ways of thinking by using wide-angle lenses for wildlife and telephotos for landscapes—just the opposite of conventional approaches to these subjects.

This approach isn't without its pitfalls. A wide-angle lens with wildlife does mean you or your equipment have to get close to the animals. As outdoor photographers, we always need to respect our subjects and be careful not to overstress any wildlife. You must watch an animal's behavior to know when this happens. And some animals aren't approachable without severe problems.

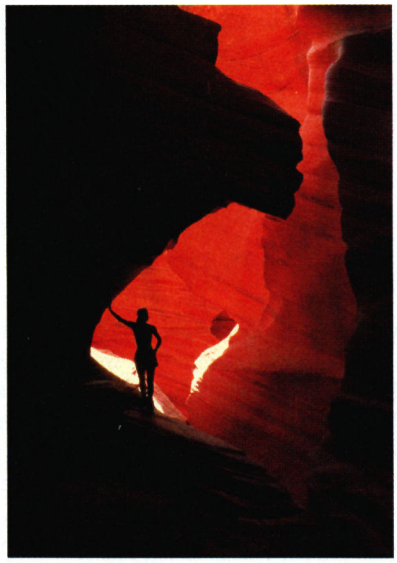
However, some photographers get a little carried away with this, to the point of condemning photographers who work like Michael or Frans Lanting (also known for his wide-angle shots of wildlife). As a naturalist with a master's in ecology, I spent years in the field, in areas where people and animals interacted daily. I can tell you that a gentle photographer who pays attention to his or her subjects is probably the least stressful part of a wild animal's life. But this does require attention to the welfare of the animal.

Paying attention to our effect on the world is important in every aspect of our time outdoors photographing nature. The modern SUV has become a standard part of the "tool kit" of so many outdoor photographers. Used correctly, it's a wonderful means of getting into country not easily reached in other ways. Used incorrectly, it's a weapon of destruction in the environment. **Christopher Robinson** gives us some ideas on the correct uses on page 100.

Michael Sewell

As you read through the rest of this issue, hopefully you'll get inspired to go outside this spring in whatever way you can and take pictures. Have fun!

—Rob Sheppard, Editor



Photographer: James Kay
Location: Antelope Canyon, Navaho Nation, Arizona
Equipment: Nikon F4, 35mm Nikkor, Fujichrome Velvia, Gitzo tripod
Situation: The slot canyons of southern Utah and northern Arizona are incredible natural marvels—a fascinating dichotomy of beauty and violence. The deep, smooth walls and intricate twists and turns have been created by the force of floods that can rush through at 60 miles per hour. The rushing water cuts at the smooth Navaho sandstone like a knife.

While the slot canyons are beautiful, they can be extremely dangerous places when the weather turns stormy. Every year, hikers oblivious to the warnings of park rangers and posted signs venture into the canyons in the late-summer months when the danger of flash flooding is high. When one isn't respectful of nature, she has a way of reminding us how small and fragile we really are. A few years ago, several hikers were in this very spot when a violent flood roared through the canyon without warning and swept them away to their deaths.

I had scouted this location before, and I knew I wanted to photograph in late April to get the shaft of sunlight. It was a long exposure to get the right illumination on the red walls. My wife, Suzy, was my model, and it was just the two of us in the canyon until a rough-looking group of "hikers" came upon us. They moved on without creating any problems, but it was a reminder that it's always a good idea to have company when out in nature.

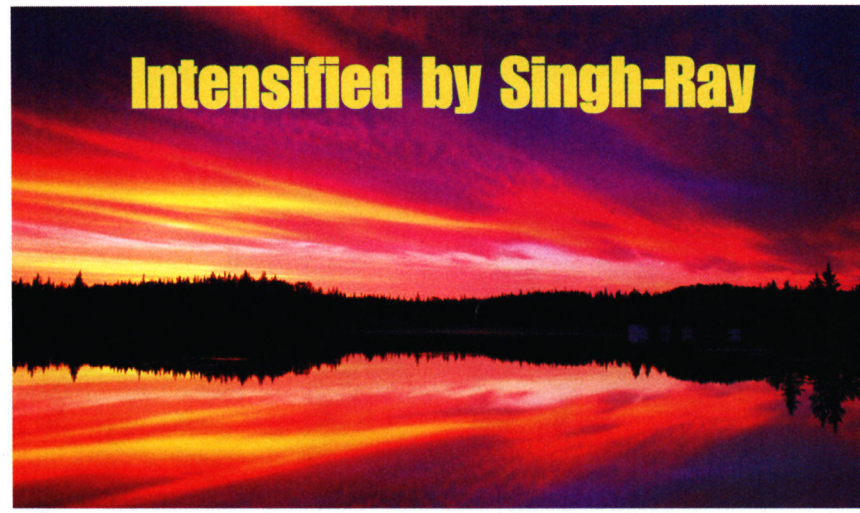


Image by Daryl Benson

*"With the **Singh-Ray Color Intensifier**, I know more of the natural color I see will be captured in my image," notes Daryl Benson, leading outdoor photographer and author. "All my warm and cool colors are richer and more vivid in a realistic way, without shifting neutral tones–you won't find a better intensifier."*

❑ **Singh-Ray Color Intensifier** "boosts" color saturation without adding color cast....$160 each

❑ **NEW Singh-Ray GREEN, RED, and BLUE Intensifiers.** Three exclusive formulations add extra emphasis to a specific part of the spectrum naturally, without adding color cast....$160 each

❑ **Galen Rowell Neutral Density Graduated Filters**–available in 4 formulations.....$99 each

Prices are for filters sized to fit the Cokin "P" holder, other sizes available.

SINGH-RAY Filters
Excellence for over 35 years

Singh-Ray Corp. 2721 SE Highway 31, Arcadia FL 34266

1-800-486-5501 Phone or Fax 863-993-4100
Buy Online: www.Singh-Ray.com

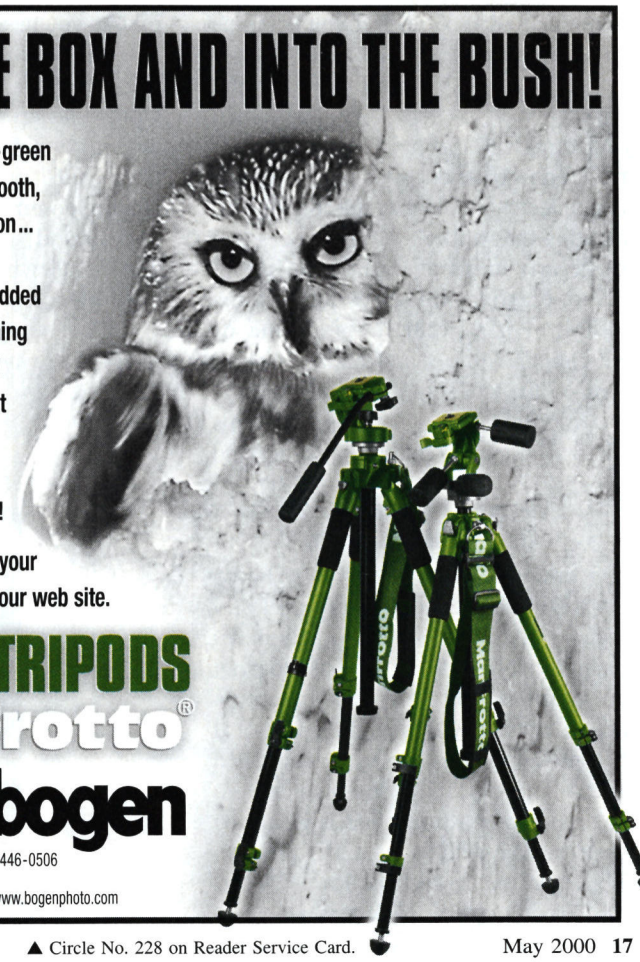
Copyright © 2000 Singh-Ray Corp. Singh-Ray and Singh-Ray Filters are trademarks of Singh-Ray Corp.

▲ Circle No. 187 on Reader Service Card.

OUT OF THE BOX AND INTO THE BUSH!

From their unique jungle-green color, light weight and smooth, quiet, unobtrusive operation... down to the convenient carrying strap, integral padded "leg warmers" and matching green 3-way or fluid head options, Tracker is the first and only tripod system that comes right from the factory, ready for the field!

For more information see your dealer, contact us or visit our web site.



TRACKER TRIPODS by Manfrotto®
Exclusively bogen

Bogen Photo Corp.
565 East Crescent Ave., Ramsey, NJ 07446-0506
(201)818-9500 • Fax: (201)818-9177
e mail: info@bogenphoto.com • web: www.bogenphoto.com

▲ Circle No. 228 on Reader Service Card.

Kudos For Ketchum

I was genuinely moved by "The Artistic Landscape" article [March 2000], featuring photographs by Robert Glenn Ketchum. The pictures were so incredibly beautiful and the article was very enjoyable and enlightening. *OP* is now the only photography magazine I subscribe to after years of subscribing to several of them. *OP* has just the right mix of how-to information and truly inspirational photography, and you print the pictures nice and big. I hope you continue to do so and that you continue to do articles on Mr. Ketchum.

Gloria Nusbaum
Via e-mail

I think *OP* did a fabulous job with the "The Artistic Landscape." Robert Glenn Ketchum did a wonderful job elucidating the subtleties and nuances that make art. In an age when the art of nature photography seems to me to be slipping, it's great to see some of Ketchum's images and read his opinions on the subject.

John Willams
Baltimore, Maryland

Great Photo Ops On Public Lands

I enjoyed the article "Great Photo Opps On Public Lands" [March *OP*] very much. I've been to several of the places mentioned, and one thing I'd like to point out is to be sure you get information before you go. We visited the National Bison Range last October. I had called ahead, knowing they closed for roundup, and I was assured that it would be open the day we'd be there. Bottom line: We could only travel the lower "loop" road, having to come back the same direction. The bison were "miles" off in the distance. We did see deer and pronghorn close enough to photograph. We didn't get to drive the 19-mile Red Sheep Mountain auto tour, which was the real reason for going there. Thanks again for a great magazine.

Connie
Via e-mail

Keeping Us Sharp

Just a couple of nitpicks in the March issue. The proper abbreviation for the word opportunity is "op", not "opp". Opp is the abbreviation for opposite. Also, the abbreviation "op" can be used for other words that you may wish to shorten, such as opinion. Authors should be careful to assure that readers are able to determine the writer's intent from the context of the sentence in which the abbreviation is used.

In your description of the cover image, you used the expression "length and width" of the country. Since the U.S. is wider than it is long, the two words end up meaning the same thing in this connotation. But the *American Heritage Dictionary* indicates that length is more commonly used, and therefore understood, to identify the longest dimension when describing an inanimate object, which, I believe, is how you were using it.

By the way, great issue otherwise.

Richard Janes
Via e-mail

What can we say? We try to give our loyal readers every possible opp for participating in the magazine, even if that means scouring its length and width for missteps.

Down In The Depths

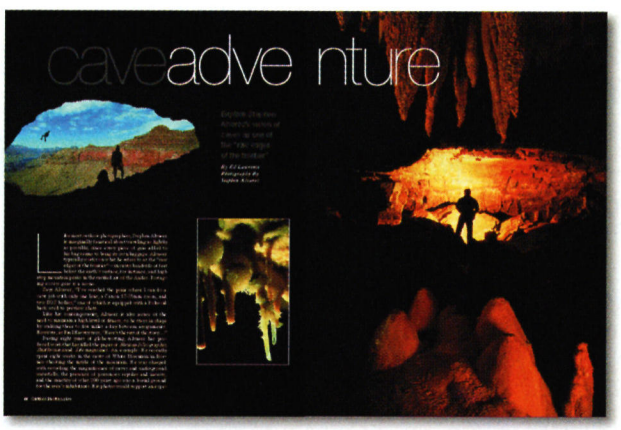
"The Cave Adventure" article in the March *OP* has gotten under my skin. Stephen Alvarez's images were incredible. The pictures took me to a place I'm not sure I want to go to again. Down into the depths of the Earth, I actually felt cold and slightly claustrophobic as I read the article. Please don't take any of that the wrong way. It was a wonderful sensation to have even the briefest glimpse into a world where I doubt I'll physically go. I think that's what makes a great photographer—the ability to take someone into a different world and have them really feel what it's like.

Ben Forester
Via e-mail

Correction

In the April issue of *OP*, we listed the Canadian phone number for Jasc in our "In Focus" write-up of Media Center Plus 3. The toll-free number for those of us in the United States is (800) 622-2793. Also, the price is $39, not $29.

Send your questions to: Letters to the Editor, OUTDOOR PHOTOGRAPHER Magazine, 12121 Wilshire Blvd., Ste. 1200, Los Angeles, CA 90025-1176, or e-mail us at editors@outdoorphotographer.com (editorial matters only). For subscription concerns, call (800) 283-4410. Visit our Web site at www.outdoorphotographer.com.



When you get excited, your
temperature rises, your pulse quickens
and your pupils dilate.

© 2000 Canon U.S.A., Inc. Canon, Canon Know How, and EOS are trademarks of Canon Inc. For more information, visit us at www.usa.canon.com or call 1-800-OK-CANON.

EOS-1v

Behold the speed: up to 10 frames per second, with next to no mirror blackout. A 45-point autofocus system that will snatch perfection from the jaws of chaos, the fastest AF speed on earth. **The durability:** a combat-ready, magnesium alloy casing. Seals tight enough for a sandstorm. A shutter life tested to 150,000 exposures. **The programmability:** so many custom functions it will mold to your eye. And compatibility with the most advanced system of lenses ever made. **The Canon EOS-1v:** built with visionary know how. If this is the camera, what will the photographs look like?

Canon
KNOW HOW™

▲ Circle No. 208 on Reader Service Card.

IN FOCUS

Big-Resolution SLR

Peer into the digital future. **Fujifilm's new pro-quality FinePix S1 digital SLR has an incredible 6.1-megapixel resolution and Fujifilm's new Super CCD image sensor.** The Nikon F lens mount makes this new SLR as versatile as your traditional film camera. Other features include continuous shooting at 1.5 frames per second for up to five frames and shutter speeds from 30 to 1/2000 sec. Expected List Price: Under $4,000. **Contact:** Fujifilm, (800) 378-3854, www.fujifilm.com.

Optical Storage For Images

Archive those digital photo files to protect and organize your best work and save space on your hard drive at the same time. **Ricoh's MP7060SE CD-Rewritable drive features a SCSI interface for fast file transfers.** Speeds are 6x record, 4x rewrite and 24x read. List Price: $299. **Contact:** Ricoh, (888) 742-6410, www.ricoh.com.

Wide-Range Zoom

Go from a standard focal length to a big telephoto without switching lenses. **Sigma's big-range 50-500mm *f*/4-6.3 EX RF HSM lens features ultra-quiet rear focusing for a stationary front lens barrel.** Restrict the zoom range to 100-500mm with the "Converter switch," and the lens becomes compatible with Sigma's 1.4X and 2X APO EX Tele-Converters for focal lengths up to 1000mm. Estimated Street Price: $1,918. **Contact:** Sigma Corp., (631) 585-1144, www.sigmaphoto.com.

Medium-Format Telephotos

Expand your Pentax medium-format systems with a new telephoto lens. The **SMCP-FA 645 150mm *f*/2.8 fits the Pentax 645N** and features internal focusing and a minimum focusing distance of four feet. **For Pentax 67II photographers, the new SMCP-M 67 300mm *f*/4** also boasts internal focusing, with a minimum focusing distance of 6.7 feet. Estimated Street Prices: $1,050 (150mm); $2,200 (300mm). **Contact:** Pentax, (303) 799-8000, www.pentax.com.

Listen To Your Subject

Spot elusive wildlife with your ears when they evade your eyes. **Silver Creek's BionicEar and BionicBooster magnifies sound by 30 decibels—enough to hear a conversation (or a meadowlark's song) clearly from 100 yards away.** Survey the landscape using the handheld, dish-mounted microphone to find that telltale bustle in the hedges. List Price: $129. **Contact:** Silver Creek Industries, (920) 684-1225, www.silvercreekindustries.com.

Stay Warm Out There

Keep your torso insulated, and your whole body will stay warmer. **Perfect for chilly sunrise and sunset photo shoots, Woolrich's Avalanche vest features the company's innovative Technowool™, a weave that maximizes wool's natural protective qualities.** List Price: $110. **Contact:** Woolrich, (570) 769-6464, www.woolrich.com.

Build Panoramas

Forge 360° panoramas and super-high-resolution images from many smaller ones with Enroute's PowerStitch software. This professional-level program puts no limit on file size and maps your images onto a three-dimensional sphere for more accurate results. List Price: $399. **Contact:** Enroute Software, (503) 684-3142, www.enroute.com.

Pelican Pack

Carry that expensive camera gear conveniently around your waist in the safety of a Pelican case. **Gexar's Hard Body Lumbar Pack is compatible with several Pelican cases, which offer waterproof, dustproof storage for your camera and accessories.** Heavy-duty nylon strapping attaches to the case, and a neoprene hip belt with compression straps comfortably secures the pack against your lower back. List Price: $129 (with Pelican 1150 case); $99 (harness only). **Contact:** Gexar, (877) 554-3927, www.gexar.com.

Underwater Snapshots

Try your hand at underwater photography without a big investment. **The QuickSnap Waterproof one-time-use camera from Fujifilm comes loaded with 27 exposures of Fujicolor Superia X-TRA 800-speed film for versatility in practically any lighting situation.** Waterproof down to 17 feet, the QuickSnap Waterproof also makes a great backup camera when the weather gets nasty. List Price: $15. **Contact:** Fujifilm, (800) 800-3854, www.fujifilm.com.

JACK OF ALL TR

MASTER OF EVERY SINGLE SOLI

INTRODUCING THE NEW NISSAN XTERRA. *MOTOR TREND* SPORT/

NISSAN

DRIVEN.

If you can think of it, it can do it. Up for some mountain-biking in Moab? Done. Surfing at Mavericks? Your wish is its command. The new Xterra from Nissan. It's like

Nissan, the Nissan Logo, Driven and Xterra are Nissan trademarks. © 2000 Nissan North America, Inc. Tread Lightly!® Please.

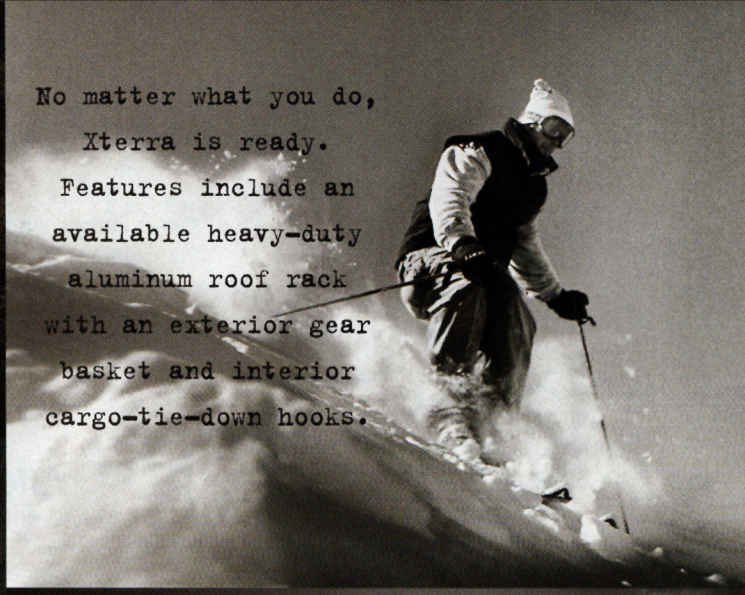
ADES.

TARY ONE.

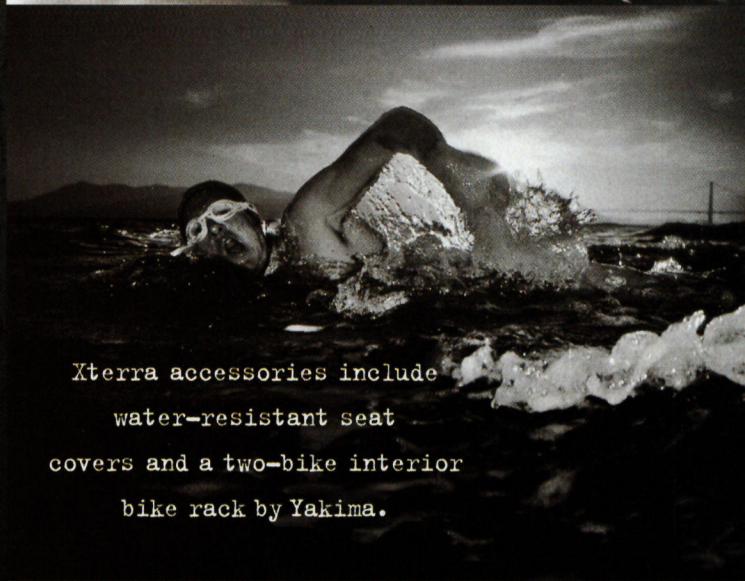
UTILITY OF THE YEAR.

How about skiing in Jackson Hole? No problemo.

a one-trick pony. That knows about 500 tricks.



No matter what you do, Xterra is ready. Features include an available heavy-duty aluminum roof rack with an exterior gear basket and interior cargo-tie-down hooks.



Xterra accessories include water-resistant seat covers and a two-bike interior bike rack by Yakima.

Xterra out-everythinged 9 other SUVs to earn the *Motor Trend* Sport/Utility of the Year award.

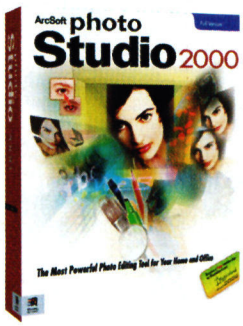
NISSAN XTERRA

1-877-XTERRA7 xterra1.com

IN FOCUS

Repel Water

Ready your favorite gloves for inclement weather with Nikwax GloveProof waterproofing sealant. The water-based solution contains Nikwax's TX10.i polymer that conditions, seals and protects leather and fabric gloves to help keep your hands dry and warm. Estimated Street Price: $7 (four ounces). **Contact:** Nikwax USA, (800) 335-0260, www.nikwax-usa.com.

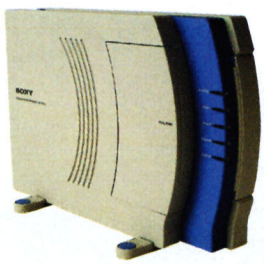


Affordable Digital Darkroom

Import, refine and enhance photos with ArcSoft's PhotoStudio 2000. This one-stop image processor has all of the key tools to help you make the most of your images. Clone out dust and scratches, perfect the exposure and color balance, and even combine several images to create sweeping panoramic images. List Price: $39. **Contact:** ArcSoft, (800) 762-8657, www.arcsoft.com.

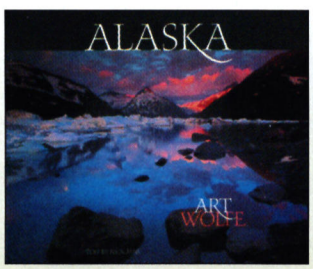
Molded For Protection

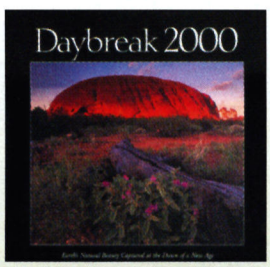
Protect compact cameras, GPS receivers and other gadgets in the field with an AccuCase from Gregory. These molded trilaminate nylon cases are crush-resistant for an extra level of protection. A soft interior further shields your gear from wear. List Price: $15 to $30. **Contact:** Gregory Mountain Products, (800) 477-3420, www.gregorypacks.com.

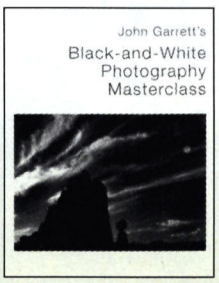


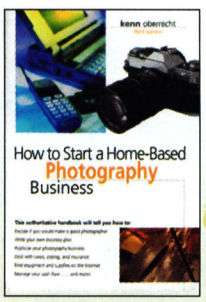
Fast Four-By-Sixes

Print laminated, borderless 4x6-inch prints with the look and feel of traditional lab prints right from your desktop. **Sony's slim profile UP-DP10 dye-sublimation printer is easy to fit into your desktop darkroom and sets up quickly, thanks to USB connectivity.** The Auto Color Correction feature automatically adjusts your image's contrast and color balance for better prints, conveniently. List Price: $389. **Contact:** Sony, (800) 686-7669, www.sony.com.









Books 'N Such

Alaska by Art Wolfe (Sasquatch Books, 2000; ISBN: 1-5706-1216-1). Explore the beauty of America's great northern state through the images of one of the world's finest outdoor photographers.

Daybreak 2000 with photography by Art Wolfe, John Shaw, Galen Rowell and many others (Creative Publishing, 2000; ISBN: 1-5597-1740-8). Where were you when dawn broke on January 1, 2000? Discover where your favorite photographers decided to be as they photographed the first light of the new year around the globe.

Black-And-White Photography Masterclass by John Garrett (Amphoto Books, 2000; ISBN: 0-8174-4044-5). Improve your black-and-white photography skills, from image composition through darkroom techniques, with this informative, straightforward guide.

How To Start A Home-Based Photography Business by Kenn Oberrecht (Globe Pequot Press, 2000; ISBN: 0-7627-0514-0). Turn a photographic hobby into a money-making profession with the helpful guidance of this veteran freelance photographer and writer.

You've got one shot.

Your vacation depends on it.

Your kids' memories depend on it.

Your marriage may depend on it.

Your finger trembles with anticipation.

Wait.

Before you click here,

▲ Circle No. 238 on Reader Service Card.

Click here.

Wait, don't shoot.

With all that's riding on that photo you're about to take, you may want to set your focus on this: PhotoAlley.com.

Cute little devils, aren't they? PhotoAlley gives you tips on how to rub out red eye – and much more.

It's not just a place to go to get a huge selection of brand-name cameras and accessories at ultra-competitive prices. It's also a place to go to get the big picture.

Nikon, Pentax, Canon, Minolta, Olympus – we've got a huge selection of the top brand names.

First, we help you click with the right camera (whether it's for you or a gift for someone else), thanks to our exclusive Buyer's Guide and Product Reviews. Then we'll help you understand how that camera can take a better photograph.

Because we're the only online camera resource that provides everything from Photo Chat Forums

For inspiration, take a cyber-stroll through our professional galleries.

©2000 PhotoAlley Inc. All rights reserved. PhotoAlley, Inc. and all other PhotoAlley, Inc. logos and trade names are trademarks or registered trademarks of PhotoAlley, Inc. All other trademarks are the property of their respective owners. *Offer ends May 31st, 2000.

to Photo Feedback – a unique place on our site that lets you submit photos and get suggestions from peers on how to make those pictures better. And for some professional advice, we offer plenty of informative tips and how-to articles from some of the world's leading photographic publications.

Add to all that, inspiring online professional galleries, photo contests (with cash prizes)...even a personalized newsletter with the latest information on techniques, special offers and new products, including digital cameras.

PhotoAlley.com. In a snapshot, it's the one and only place you need to go to find the perfect camera. And the perfect picture.

photoalley .com

Click here for better pictures.

▲ Circle No. 238 on Reader Service Card.

Now...

©1999 Photo by Claes Axstål. Skier: Gordy Peifer.

Autofocus!

A new generation of fast focusing, world-class Mamiya AF lenses set this medium format System apart from all others. Cutting-edge optical designs utilize the latest high density/low and ultra-low dispersion glasses to achieve extraordinary sharpness, contrast and color fidelity. Now razor sharp, accurate focusing lenses, from 45mm to 300mm, are yours.

THE NEW MAMIYA 645AF

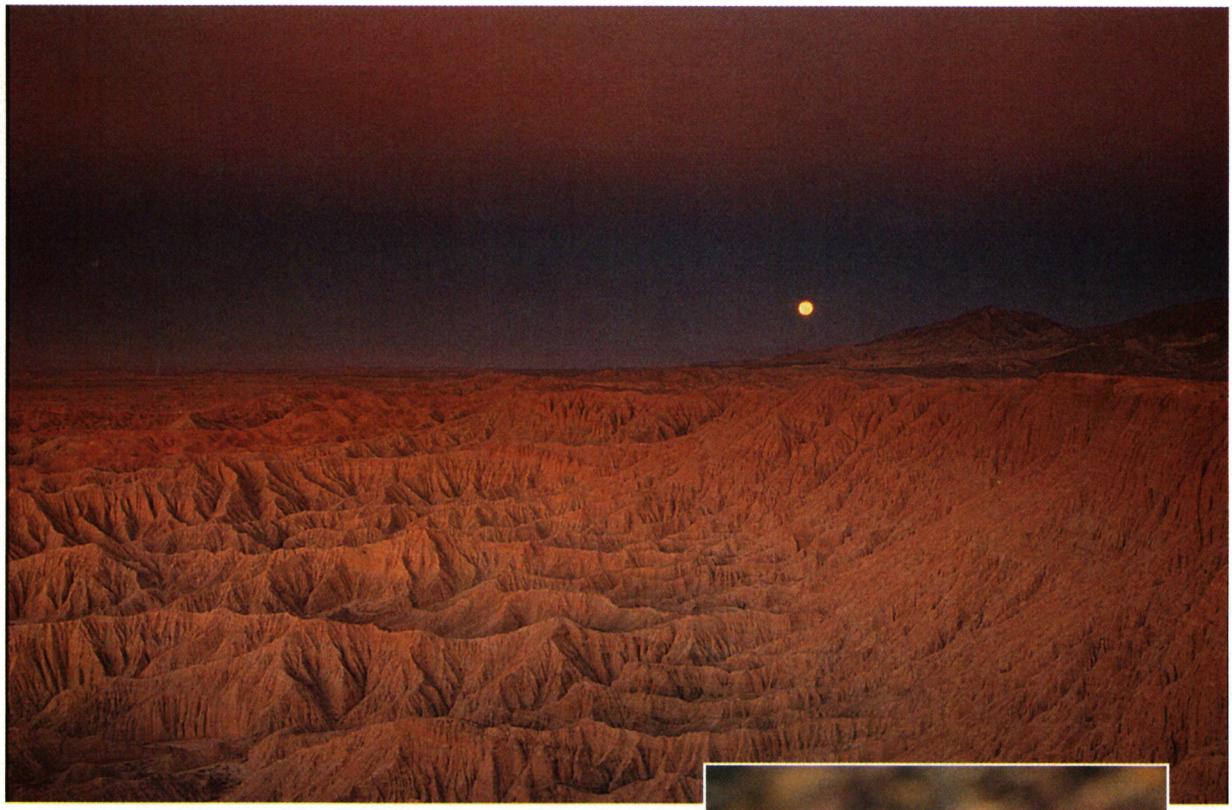
Mamiya®
master of the medium®

MAMIYA AMERICA CORPORATION 8 Westchester Plaza, Elmsford, NY 10523 • Phone: 914-347-3300 • Toll Free FAX: 800-321-2205 • www.mamiya.com • E-mail: info@mamiya.com

Borrego Is For Bighorn

Even a casual personal trip can bring opportunities for important photographs

BY GALEN ROWELL



The neat thing about deserts is that it doesn't rain much there. When winter storms bash the San Francisco Bay Area where I live, it's sunny and warm in Anza-Borrego, California's largest state park, just above the Mexican border. For the past two Januarys, my wife, Barbara, has talked me into hopping into her Cessna 206 just as a storm is about to dampen San Francisco. Three hours later, we're in Borrego Springs, a small resort town encircled by the park.

The first year, we invited fellow *OP* colum-

Trek There.

Lowepro's Trekker AW Backpacks

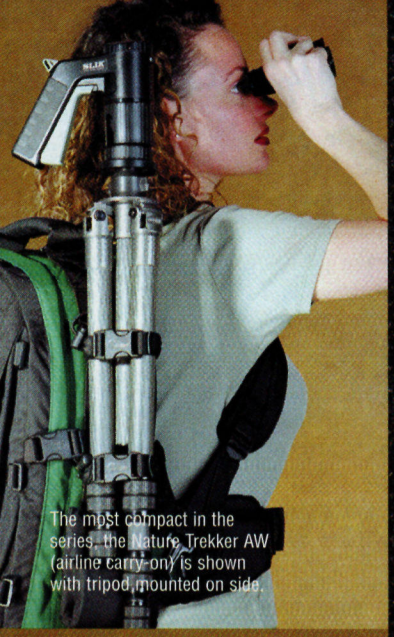
Seasoned nature and wildlife photographers know the demands of transporting their gear. No matter where your photographic journeys take you the challenges are the same—the weight and bulk of long lenses, extra camera bodies and a tripod can stretch your endurance to the limit.

Lowepro Modular Trekker AW packs are the solution. The most advanced harness systems provide maximum carrying comfort and optimum weight distribution. Of the four packs in the series—Super, Pro, Photo and Nature Trekker AW (all come supplied with the quick release Tripod Mount), you choose the size that's right for you and your equipment.

Trekker AW backpacks are modular, so you can customize the pack for your needs with a host of products from the Trekker AW accessory line.

For total protection against the elements count on the Trekker AWs to get you through the perils of your photographic pursuits.

Lowepro: We'll help take you places.



The most compact in the series, the Nature Trekker AW (airline carry-on) is shown with tripod mounted on side.

The Photo Trekker AW is airline regulation carry-on *(Shown with 35mm gear.)*

All interiors can be easily adjusted for Medium format equipment. *(SuperTrekker AW shown.)*

Lowepro's patented AW cover protects your equipment from nature's worst.

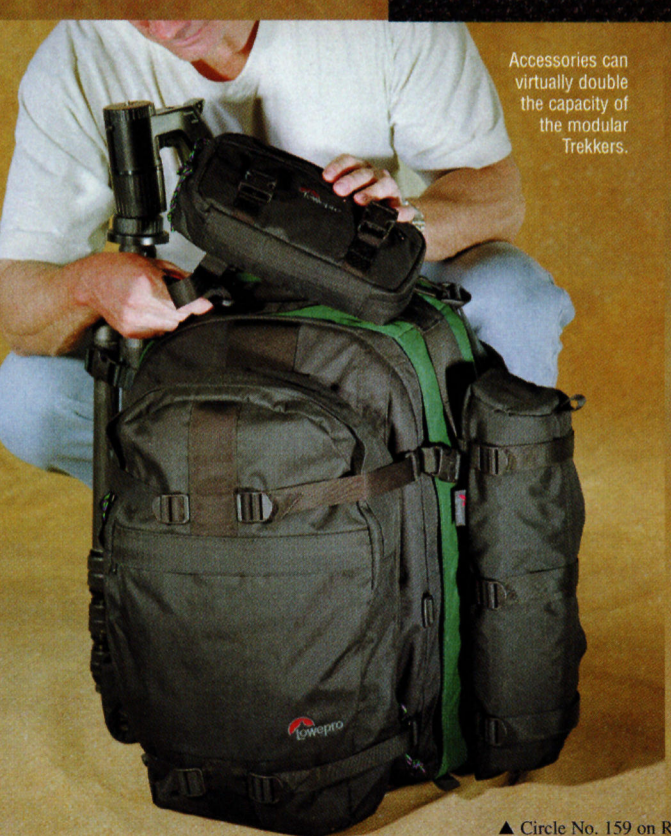
Fully adjustable, super comfortable, extra thickly padded internal frame harnesses. *(SuperTrekker AW shown.)*

Lowepro

800-800-LOWE

www.lowepro.com

Position the quick-release Tripod Mount on either side or down the center of the pack. The vertical position helps you balance over difficult terrain. *(ProTrekker AW shown.)*



Accessories can virtually double the capacity of the modular Trekkers.

▲ Circle No. 159 on Reader Service Card.

Lowepro is firmly committed to the conservation and preservation of the environment, and encourages all photographers to practice "no trace" trekking and camping in wilderness areas.

The Nature Conservancy · National Forest Foundation · The Conservation Alliance

nist Frans Lanting and his wife, Christine Eckstrom, to come with us. Thankful to get away from the pressure of our offices and assignments, we brought cameras, more because we always do than with any goal in mind. One evening we drove our rental car up a sandy wash marked as a four-wheel-drive road on the conservative park map.

After four miles, we came to a high overlook called Font's Point above some of the most fabulous badlands I've ever seen. The full moon rose, out came our cameras, and SUVs with families began arriving as sunset neared.

One tall fellow carrying a baby up the short trail looked strangely familiar, and I recognized George Steinmetz, a *National Geographic* photographer and a friend of both of ours who had no idea we were there. We just happened to converge on the same spot without serious photographic intentions as the moon was rising into the pink-and-blue boundary of the Earth's shadow.

I suddenly got serious and set my camera on a tripod with a three-stop, hard-edged, Singh-Ray graduated neutral-density filter that held an exposure for the moon and sky while opening up detail on the landscape. For the rest of our desert week, we three photographers and our wives hung out together and rarely took photographs.

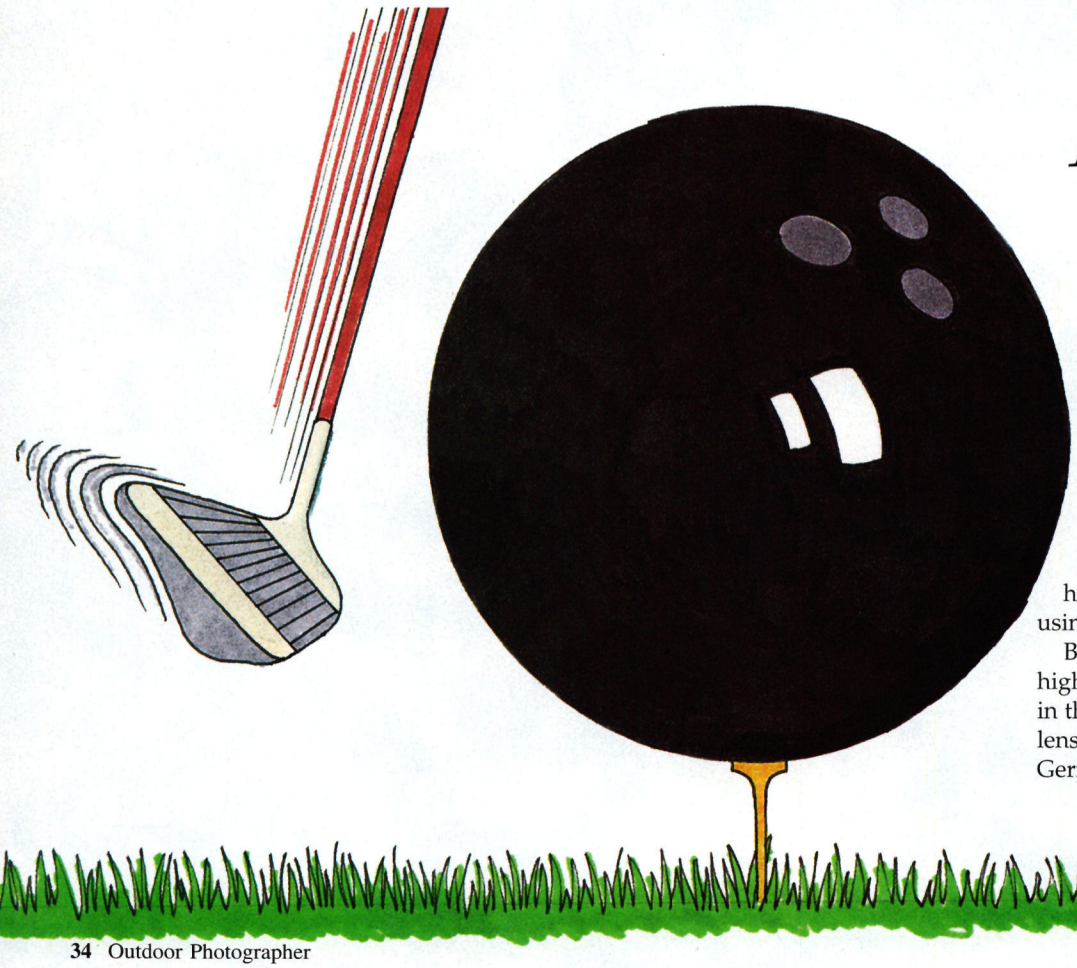
With fond memories of winter warmth and access to the wilds, Barbara and I returned a year later by ourselves and checked into the Borrego Valley Inn, a Sante Fe-style adobe complex with a central plaza set in the desert just outside town. We enjoyed life for a couple of days before venturing out for hikes or photographs. When I finally drove to Font's Point, the sunset was hazy and without the full moon in crystal-clear air that we had happened upon the previous year.

Borrego is Spanish for "yearling sheep," referring to desert bighorn sheep once common throughout the region. Early one morning, we drove two minutes to the Borrego Palm Canyon trailhead for a pleasure hike. Having heard of recent bighorn sightings, I couldn't decide whether to leave my heaviest artillery in my car. Since it was still cool, I decided to bring it along. My old manual-focus 500mm *f*/4 Nikon lens, 2X teleconverter, Nikon F100, plus a couple of other lenses, Gitzo carbon-fiber tripod and a quart of water weigh less than 20 pounds.

Throughout the mile-and-a-half walk to the native palm oasis, we searched the canyon walls for bighorn. Even though I saw fresh tracks in the sand, we never caught sight of them. As we were relaxing at an overlook, a hiker told us that he had spotted bighorn in a gully 300 yards above the trail a few minutes earlier.

Finding Rocky Mountain bighorn licking winter road salt off the edge of Highway I-70 in Colorado is common, but these officially endangered bighorn are rare. Only about 300 Peninsular bighorn, *Ovis canadensis cremnobates,* survive in the United States, mainly in the Sonoran Desert of extreme Southern California. They also occur on the Baja Peninsula, hence their name. In comparison, more than 10,000 "desert bighorn" of other subspecies roam arid parts of the American and Mexican West.

As we walked back toward the car,



PUTTING ON A

You wouldn't handicap yourself by playing golf with a bowling ball, so why handicap your high quality lens by using an inferior filter?

B+W filters are made to the same high-technology standards that are used in the production of the world's finest lenses. They are diamond cut from German Schott optical glass, precision-

a group of four adult rams came down the hillside toward us, bound for the tenuous spring water that flowed beside the trail only a few hundred yards from the palm oasis before disappearing into the sands again. I scrambled for my big lens and tripod as a ram kept coming closer and struck a classic pose atop a boulder. I had to back up to get the animal fully in the frame.

Barbara and I spent 20 minutes as close as 40 feet from the rams, watching them drink, feed and butt heads after one guy stood tall when an older ram approached the stream. I felt very lucky, but then I remembered all those times I had lugged heavier packs with big lenses a lot farther into the Sierra Nevada and failed to photograph the Sierra bighorn, whose population has now dropped below 100. Now and then I had managed to photograph them in the past, so when that subspecies was placed on the endangered species list in 1999, I sold one of my 1970s photographs to the *National Geographic*.

A similar scenario is unfolding with the Peninsular sheep, which have also been ravaged by a growing mountain lion population, a severe drought in the south of California and habitat loss of the moist valley bottoms where they formerly browsed and drank. That's why they came down for water even though they could see us on the trail.

All too many of my nature photographs, taken somewhat casually on personal trips, are evolving into records of a former America, a land that had more wildlife, clearer air, fewer human encroachments and a more positive national media. Those Sierra bighorn shots sat in my files, published mainly in my own books or portfolios, until the subspecies was almost gone. Now the national media, hot on the bloody scent of death and violence as usual, is eager to use them.

That evening we dined in a resort where the lettuce and fish were fresh, but the service lackluster. My reaction made me think about how spoiled we all have become in our expectations of what we'll encounter in the desert. Death Valley got its name because 19th-century travelers died trying to get through the place. Much of Southern California fits the classic definition of a desert: a place where life is limited by a lack of water. Pioneers on their way to the moist and green California coast never could have imagined the day when arid landscapes would be preserved to spiritually enrich souls overwhelmed by too much of everything in the cities.

My parents feared the desert. We left on summer vacations in the middle of the night after my father tied burlap "desert water bags" to the sides of our 1940 Chevrolet to cool that life-sustaining fluid by transpiration.

Crossing the desert in a modern, air-conditioned SUV with climate control, stereo music and a cold drink in one hand in broad daylight is a very different experience. Flying over it is yet another step removed. Even so, I find myself feeling a far stronger connection with arid lands and making stronger photographs of them than in the old days when desert travel, like life itself there, was limited by heat and water.

***Galen Rowell**'s Web address is www.mountainlight.com.*

ANYTHING BUT B+W FILTERS TOP QUALITY LENS IS LIKE DRIVING A BOWLING BALL WITH A NINE IRON.

ground, polished and tested to the finest lens quality to ensure flatness and parallel thickness. This assures that every B+W filter is free from color aberrations and internal flaws. B+W MRC multicoating eliminates reflections and flare, while B+W Slim filters for wide-angle lenses eliminate vignetting caused by ordinary filters.

Many other brands of filters are cut from greenish window glass sheets or made from pressed blanks; methods that introduce internal strain and stress.

Combined with imperfections in the glass, this can cause refraction of light and inconsistent image quality.

With so many B+W filters to choose from, you should never make your good lens a loser by degrading it with an inferior filter.

Use only B+W filters.

Schneider Optics, Inc.
285 Oser Avenue
Hauppauge
New York 11788 USA
TEL: 631 761-5000
FAX: 631 761-5090

info@schneideroptics.com
www.schneideroptics.com

▲ Circle No. 220 on Reader Service Card.

Black Point Wildlife Drive, Florida

LOCATION

Nestled in the shadows of the space shuttle launch pads at Florida's John F. Kennedy Space Center is an often-overlooked area offering a variety of photo opportunities for the nature enthusiast. The Black Point Wildlife Drive is a seven-mile-long, one-way drive atop man-made dikes that traverses the saltwater marshes of the Merritt Island National Wildlife Refuge. It's one of the few remaining saltwater marshes on Florida's east coast.

Located just a few miles east of Titusville via State Routes 402 and 406, the Black Point Wildlife Drive occupies land owned by NASA. The public portions of this land are managed by the refuge, however. Although not as widely publicized as the Everglades and Ding Darling National Wildlife Refuge, Black Point is one of the premier winter birding areas in Florida and shouldn't be overlooked by the serious wildlife photographer. There are a number of areas on the reserve that are open to the public, but none as easily accessible as the Black Point Drive. The dikes, which were constructed a few decades ago to help control mosquito populations, now act as the foundation for your photo journey.

WEATHER

While wildlife abounds in winter, the temperatures are unpredictable—some days will see highs up to 80 degrees, but most daytime temperatures range between 60 and 65. Any cold front moving through the area is sure to bring wind and rain.

Prime conditions may continue into spring, where mornings are pleasant with high temperatures reaching the 80s and low temps around 60. Summer can be unbearably hot, and much of the wildlife is gone.

Late September into early October begins the waterfowl migration, but the migration reaches its peak toward November. August to November is hurricane season, and rain and thunderstorms are unpredictable on spring and summer afternoons.

PHOTO EXPERIENCE

More than 200 bird species have been identified in the reserve. It's very common to see flocks of ducks, geese, terns, gulls and pelicans, as well as large populations of heron, ibis, egrets and occasionally roseate spoonbills. Various songbirds, hawks and bald eagles are also spotted in this diverse wilderness, as well as many varieties of smaller shorebirds. Several active eagle nests are located nearby.

Although many of the birds can be seen in the open marshes and along the streams, look closely in the stands of mangroves and palm hammocks to sight wading birds as they fish for food in the shallow stream beds. Long telephoto lenses, such as 300mm and greater, help you keep your distance from skittish species, and get great close-ups of wildlife nearby. Between bird sightings, look for other local inhabitants, such as raccoons, river otters and alligators. The alligators seem to pose for you in the streams, but are still very unpredictable and dangerous, so be sure to keep your distance.

Contact: Merritt Island National Wildlife Refuge, (321) 861-0667, merrittisland.fws.gov. **OP**

BEST TIMES

The peak season for bird photography is October through March, when thousands of birds winter in these marshy lands and along the streams that wind through them. Also, check with NASA or the rangers before planning your trip. If you time it right, you may have an opportunity to photograph one of NASA's big birds, too!

Text And Photography By Wayne Bennett

step-up to medium format for less than $1,500

Big 6x4.5cm image, shown actual size, is almost 3 times larger than 35mm.

THE NEW MAMIYA 645E

Introducing professional medium format image quality in a system that's as affordable as many top 35mm SLRs. Step up to a world of exquisitely detailed photographic reproduction with a 645 format camera that offers nearly 3 times the image size of conventional 35mm cameras.

The new Mamiya 645E is feature-packed. You get all the basic tools that make medium format ideal for going beyond the limits of 35mm. And, it is easy-to-use, yet capable of growing with you as you hone your photographic capabilities and creative sense. As part of the Mamiya 645 System, it accepts all 19 world-class 645 series lenses and most accessories.

The new 645E. Mamiya quality. Extraordinary price. Now at all authorized Mamiya dealers.

Mamiya®

master of the medium®

MAMIYA AMERICA CORPORATION 8 Westchester Plaza, Elmsford, NY 10523 • Phone: 914-347-3300 • Toll free FAX: 800-321-2205 • www.mamiya.com • E-mail: info@mamiya.com

Balance

As photographers, we should always push for clearer and clearer visions that help us keep perspective

BY DEWITT JONES

Dateline Molokai: As I reported in my last column, I've come here to perfect the art of "View Keeping" [*OP*, March 2000]. It's going well, very well. More and more of the view before my house becomes part of my daily life, more and more that landscape flows in and out of me.

The effect is astounding. Conservationist John Muir best described it: "Here is calm so deep, grasses cease waving...wonderful how completely everything in wild nature fits into us, as if truly part and parent of us. The sun shines not on us, but in us. The rivers flow not past, but through us, thrilling, tingling, vibrating every fiber and cell of the substance of our bodies, making them glide and sing."

Great, great, you say. But you're sitting in Hawaii, Dewitt, and I'm sitting in rainy San Francisco or snowy Buffalo, and my boss is irritated with me, and the traffic is horrible, and my children are screaming. So just stop with the Muir quotes and the "gliding and singing" stuff. Okay?!

Hey, I hear you. The same voice goes off in my head at least once a day, "Go ahead, merge, but sooner or later you're going to have to leave this island paradise and come back to 'reality'. Then the only merging you'll do will be on the freeway!"

Which brings me to the topic of this month's column—balance. How do we hold it all together? Balance is an important part of photography. Do our compositions shed any light on how we hold it all together? I don't have any answers, just some musings over the last month, but let me share them.

It seems to me that most of us have very strange views of balance—visions that work against our ever achieving it. Think about it. When most folks talk about balance in their lives, they use images like "juggling balls" or "keeping all the plates spinning." Balance is seen as an unstable state, one which is achieved only through the greatest possible effort and vigilance, and which is always on the verge of collapsing into chaos. With images like these, it's no wonder that we're in a state of perpetual tension and dread when it comes to working on balance in our lives.

Balance in our photographs.... Well, that's the basis of composition, the basis of what makes them pleasing to the eye. Some say good composition is the tension of opposites—light versus shadow, foreground versus background, horizontal versus vertical. I believe that's true, but good composition, especially in landscape photography, is far more subtle. It's not just a few objects that make a good composition, it's hundreds—

SIGMA

OUR WORLD

Discovering the beauty and drama of nature's miniatures – an instant in the life of Rhacophorus schlegelii arborea.

Osamu Miyake: Born 1932, Tokyo. Graduated from Tokyo University of Foreign Studies. Became a freelance photographer specializing in mountaineering in 1964, after working as a magazine editor. Has represented the Japanese Alpine Photographers Group for 13 years, since its establishment. Currently shoots a variety of natural subjects including plants, insects, insects and animals.
Photo data: Sigma APO MACRO 180mm f/3.5 EX IF HSM; exposed for 1/125 sec. at f/4.

OSAMU MIYAKE SHOOTS THE WORLD WITH A SIGMA LENS

NEW

On a twig stretched out over a pond, a tiny drama has developed, as male frogs gather around a single female. The SIGMA lens captures this dramatic moment on nature's stage in all its vivid detail. Using SLD (Special Low Dispersion) glass in the front lens group, this telephoto macro lens offers impressive optical performance, including the ability to focus down to a 1:1 ratio with superb image quality. The Floating Inner Focus System provides superior handling stability while minimizing spherical and astigmatic aberration. Its HSM delivers quiet, high speed auto focus, in addition to full manual focus capability. It's also compatible with optional APO teleconverters. The 1.4x teleconverter lets you use it as a 252mm f/5 auto focus lens*, automatically switching to manual focus mode for macro shooting under 47in. And the 2x teleconverter allows it to be used as a 360mm f/7 manual focus lens.

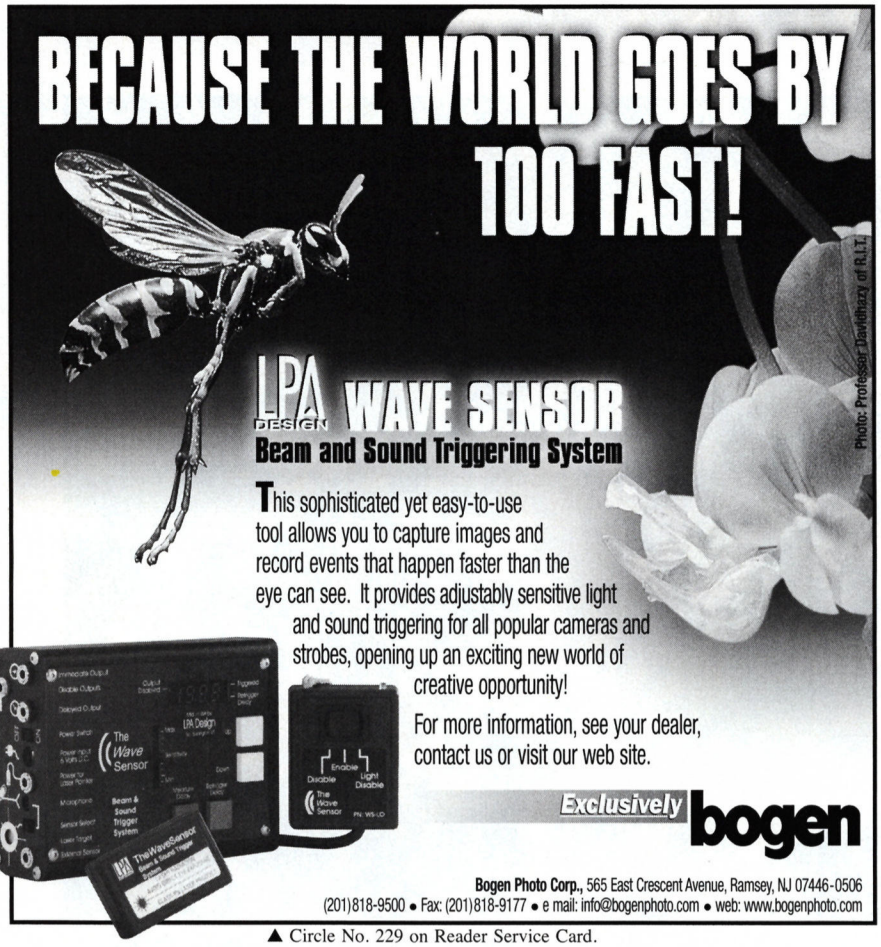
* Minolta and Pentax compatible models support manual focus only when used with the teleconverters.

HSM specifications for Sigma SA, Canon EOS and Nikon. For Minolta and Pentax models, auto focus is activated by a motor inside the camera body.

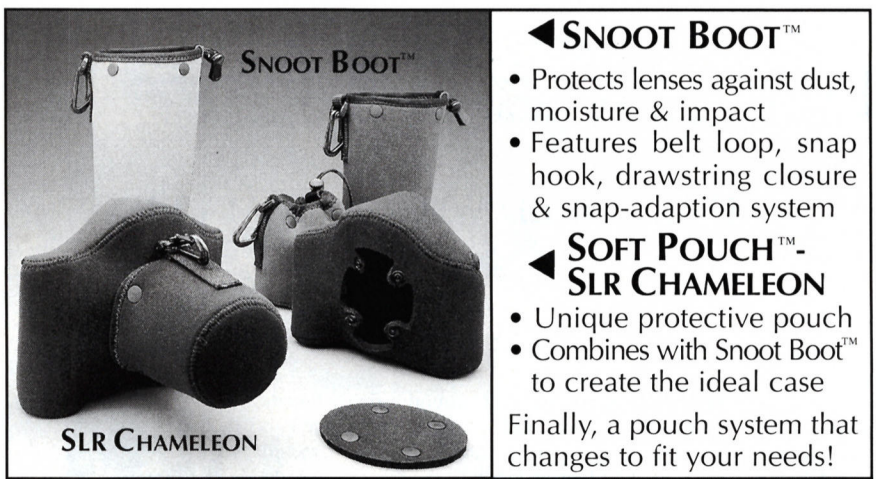
A bright telephoto macro lens for strikingly vivid small-subject imagery

SIGMA APO MACRO 180mm F3.5 EX IF HSM

SIGMA CORPORATION OF AMERICA
15 Fleetwood Court, Ronkonkoma, NY 11779 • 631-585-1144
In Canada exclusively distributed by Gentec International, Markham, Ontario
Visit us on the Web at www.sigmaphoto.com



▲ Circle No. 229 on Reader Service Card.



▲ Circle No. 137 on Reader Service Card.

from the gross to the barely discernible. And to me, it's not so much the tension between these that brings beauty, but the synergy of their disparateness that creates something greater than the sum of the parts. Great composition in landscapes is more a blend than a balance.

Blend brings up very different visions than those we associate with balance. Blend, like a fine wine, seems far more stable. Again, like wine, it takes effort to bring it into existence, but once achieved, blend seems less likely to disintegrate into disarray if you look away for a moment. Blend connotes the synergistic harmony of many elements into something greater than the sum of the parts.

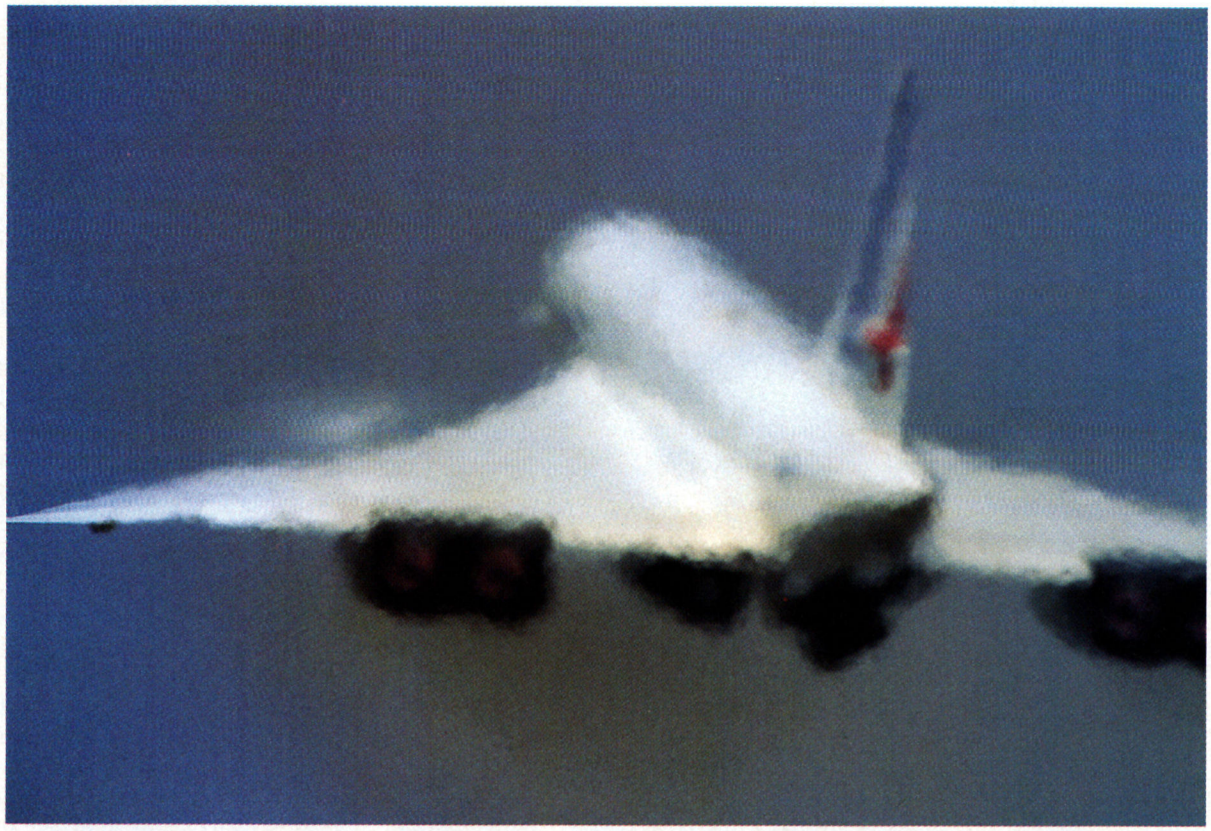
So as I muse on the composition of my life, I've been trying to let myself reflect on its blend rather than its balance. How the perspective shifts. When I think of balance, it's either/or thinking. I'm in balance or I'm out of balance. In bliss or in chaos. When I think of blend, it's more of a continuum, a perspective where I'm able to see the relationship and rightness of many parts of my life, just as I hold both the peaks and valleys of a mountain range as being absolutely essential to the composition of a photograph. Blend allows me to think "both/and" rather than "either/or." And with inclusion comes stability. Retreat and return, joy and sorrow, work and play, the seasons of my life, all held with the same inclusion that nature holds the landscape.

It's a subtle change, but a helpful one. It's not that "balance" doesn't have meaning; it's just that as photographers, we should always push for clearer and clearer visions that help us keep perspective. "Blend" is one of those little vision shifts that seems to help. In my photographs, in my life, it's a good metaphor to play with. I'd rather be making wine than spinning plates.

A great vintner of life (known only as "unknown") once wrote: "A master of the art of living draws no sharp distinction between work and play. His labor and leisure, his mind and body, his education and recreation, he hardly knows which is which. He simply pursues his vision of excellence through whatever he is doing and leaves others to determine whether he is working or playing. To him, he always seems to be doing both."

Good Blend. No doubt it will be a very good year. **OP**

SIGMA



OUR WORLD

Expressing the sense of awesome speed as a giant bird takes to the air — Charles de Gaulle Airport, Paris.

Katsu Aoki: Born 1944, Saitama, Japan. Graduated from Tokyo Photography School. Became a freelance photographer specializing in travel and aircraft, while working in advertising and public relations, following a period of newspaper sports photography. Has published numerous photographic books and software titles. Photo data: Sigma APO 50-500mm f/4-6.3 EX RF HSM; exposed for 1/500 sec. at f/8.

KATSU AOKI SHOOTS THE WORLD WITH A SIGMA LENS

NEW

Compared to conventional passenger jets, the take-off of the Concorde is simply breathtaking. The SIGMA lens captures this sense of overwhelming speed with its 500mm focal length. Using a Multiple Structure Inner Focus Zoom System, this high magnification lens offers a 10x zoom ratio, handling everything from standard imaging to super telephoto shots. Its SLD (Special Low Dispersion) glass offers impressive optical performance, minimizing chromatic aberration, while the 7-group Zoom System provides superb crispness and clarity at 500mm super telephoto range. And the use af a magnesium alloy for the tripod mount further enhances its lightweight mobility. In addition, this lens can also be used as a manual-focus 140-700mm f/7.3-8.8 or 200-1000mm f/10.4-12.6 lens, when fitted with optional APO 1.4x or 2x teleconverters

HSM specifications are for Sigma SA, Canon EOS and Nikon. For Minolta and Pentax models, auto focus is activated by a motor inside the camera body.

A lightweight, high magnification telephoto zoom lens that covers a wide range of imaging situations, from standard to super telephoto.

SIGMA APO 50-500mm F4-6.3 EX RF HSM

SIGMA CORPORATION OF AMERICA
15 Fleetwood Court, Ronkonkoma, NY 11779 • 631-585-1144
In Canada exclusively distributed by Gentec International, Markham, Ontario
Visit us on the Web at www.sigmaphoto.com

Lens Advantages

Polarizers • Pro Vs. Amateur Lenses • Hyperfocal Distance Settings • Faded Negatives • Seminars

BY GEORGE LEPP

Polarizer In Action

Adjusting Polarizers

Q I use a Cokin filter system and want to get a polarizing filter. I understand that with most AF lenses, I'll need a circular polarizer, and that you can dial in or adjust the level of affect you want. Is there a circular polarizer that can be adjusted, and will it work with the Cokin system?

Manuel Schmerber
Ellisville, Missouri

A Polarizing filters only have one piece of glass; the other part is a ring that allows the rotation. Filter holders such as the Cokin (www.cokin.co.uk) and Lee systems (www.leefilters.com) allow square or rectangular filters to rotate using the holder itself. Round filters that are a single piece of polarizing glass can be rotated in the holder. Other manufacturers such as Singh-Ray (www.singh-ray.com) also make high-quality single glass filters that fit the Cokin and Lee filter holders. The accompanying image of Mono Lake in California was taken with a Canon 20-35mm lens at 20mm and a Singh-Ray polarizer in a Cokin "P" Series filter holder. The polarizer emphasized the white clouds against the sky and removed the reflections on the lake.

An interesting new polarizing filter is available from Singh-Ray that has a single glass filter installed in the adapter ring that holds the Cokin filter holder onto your lens. The reason for this is that this thin filter won't vignette on a very wide-angle lens. I've used it in the 77mm adapter size on my 17-35mm wide-angle zoom with no darkening of the corners. You can also add the holder to the adapter for one more filter and still use a wide-angle setting of the lens.

Keep in mind, however, that to adjust the effect of the polarizing filter, you'll be tightening or loosening the filter on the lens. This isn't a problem if you're careful. If you're not careful, the filter and holder could fall off the front of the lens.

Prime Advantages

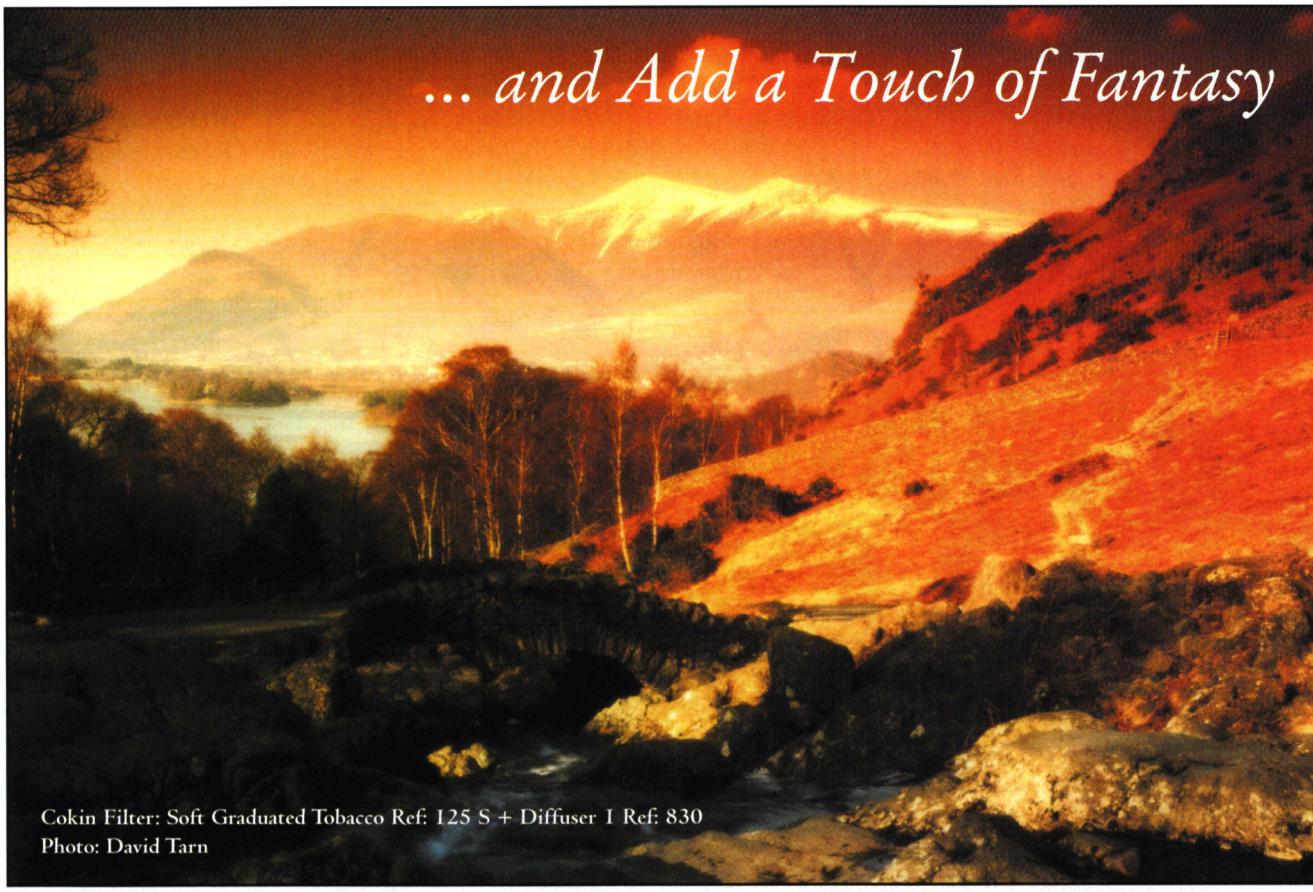
Q I'm a serious amateur who likes to take outdoor scenic shots. I use a Canon A2E body, with a Canon 28-70mm as my favorite lens. I'd like to know the difference between high-end amateur lenses and the so-called pro lenses, like the "L" series lenses.

B. Miller
Matthews, North Carolina

A To start, consumer-quality lenses have never been better. With computer-assisted optical formulas and the availability of excellent glass, you can take professional-quality images with nearly all of the lower priced camera optics.

Where the professional lenses outshine the consumer-level glass is in additional sharpness, especially at the lens' extremes. A professional lens will be sharper wide-open and often has a larger aperture for photographing under

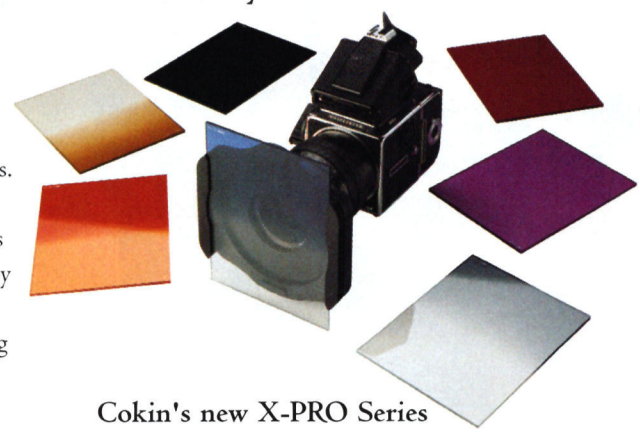
Discover the Cokin Creative Filter System



Cokin Filter: Soft Graduated Tobacco Ref: 125 S + Diffuser 1 Ref: 830
Photo: David Tarn

The Cokin Creative Filter System has everything you need to turn ordinary pictures into extraordinary works of art.

Cokin is a unique filter system consisting of adapter rings and a universal filter holder which comes in three sizes - A, P and X-Pro Series. The system fits lenses with filter diameters from 36mm to 118mm, as well as Hasselblad products. Used by many professional photographers, Cokin is world-renowned for creating dazzling special effects, spectacular sunsets, romantic tones, graduated sceneries and more with top quality results. Choose from over 160 different filters, plus a full selection of specialized kits. The Cokin Filter System is ideal for 35mm and Advanced Photo System SLRs, medium format, large format, video cameras, and anyone with a passion for photography.



The Universal Filter Holder allows filters to be used in combinations and easily moved from one lens to another.

Cokin's new X-PRO Series features a 170mm x 130mm filter size and top-quality CR-39™ organic glass, specially developed to offer professionals a comprehensive range of filters that can be used on medium and large format cameras, and the "extreme" lenses required by photographers, videographers, and broadcasters.

Minolta is the exclusive Cokin Distributor for the USA and Canada. For more information, contact:

MINOLTA

101 Williams Drive
Ramsey, NJ 07466
201-825-4000
www.minoltausa.com

▲ Circle No. 278 on Reader Service Card.

cokin®
CREATIVE FILTER SYSTEM

© 2000 Minolta Corporation. CR-39 is a trademark of PPG Industries-USA. All other trademarks are the property of their respective owners.

low-light conditions. These lenses will often contain special glass that aids in a little more sharpness (in "L," "ED" or "APO" lenses), and you do pay extra for the better glass. The overall manufacturing quality is usually higher on the pro lenses so that with extended use, and use under difficult conditions, the pro lens will last longer. This can be very important to the working professional.

There are some techniques that can help you get the most from your lower priced, "non-pro" lenses. If sharpness is of utmost importance, stop down the lens one or two stops from maximum aperture. The sharpest area of most lenses is in the *f*/8 to f/11 range. Use a tripod whenever possible. Use quality filters, and try not to stack more than one filter on the lens at a time. I realize that we often want a polarizer and a graduated neutral-density filter at the same time, but take off the protective UV or skylight filter when other filters are being used.

All of this also applies when using the finest lenses that money can buy. I often see photographers with the best "L", "ED" and "APO" lenses using them unwisely and effectively getting less imaging performance than a "consumer-grade" lens. Get the best lens you can afford, and then apply your best techniques to get all the imaging capabilities the lens has to offer.

▲ Circle No. 219 on Reader Service Card.

Handling Hyperfocal Distance

Q I understand the basic concept of hyperfocal distance, but how can you accurately set the proper distance on the current generation of many AF lenses, which tend to generalize the distance scale? It seems that the older lenses had more fine-grained distance scales on them. Am I worrying for nothing? Is it okay to be close to the proper distance and accept some shortening of the depth of field or not?

Seth Goldstein
Via e-mail

A Unfortunately, many of the features we were used to on earlier manual lenses have been changed or modified on newer optics. Accurate and complete distance scales are one of those features. The result is that we do need to estimate our distances when applying a manual hyperfocal setting to a lens. My suggestion is to err in the direction of conservatism by setting the hyperfocal distance closer to infinity when you lack a detailed distance scale. You might not get quite as much near focus, but you'll be assured of the image being sharp to infinity.

There's a great little program available for free on the Internet to calculate depth of field and hyperfocal distances. Go to the Digital Light and Color Web site (www.dl-c.com), find the free downloads area and download the program. You'll find a lot of good information, as well as its excellent image-editing software, Picture Window 2.5.

Faded Negatives

Q I purchased a film scanner and have been cataloging my negatives from 10 to 15 years ago. As a rule, I shot mostly print film, and

I had them developed at many different places. The problem is that many of my negatives have faded over time to the point where a significant number of them are almost clear. Can anything be done to restore them?

B.R. Jones
Bartlett, Illinois

A Unfortunately, the films we've been using over the years aren't the permanent record we had hoped or expected them to be. Even in dark storage, there's a loss of information from color slides and negatives. The only nearly permanent color films from the past are Kodachromes. Many of these slides still have excellent color after more than 50 years.

Although you had your color negatives in the dark, it sounds like some have been completely lost. I wouldn't throw them away just yet. Some restoration of color can be done in most image-processing programs that have layers, such as Adobe Photoshop or Jasc Paint Shop Pro. What you do is make a duplicate layer of your image, then combine them using the "multiply" mode (this works for images only needing added density, by the way). You can do this several times for severely faded images.

There's also a new program coming from a company called Applied Science Fiction that may help. These are the folks who brought us Digital ICE™ that works so well in the Nikon and Minolta scanners by removing dirt and scratches from scanned images. The new program is called Digital ROC™ (Reconstruction Of Color).

The technology automatically restores the lost color values in slides and negatives by "reading" the dye signature in the layer structures of the film. Just as Digital ICE™ needs a combination of scanner and software to work, so will Digital ROC™ (it won't be available as a stand-alone program). As new scanners become available, some will offer ROC™ to restore some of those badly faded images. Keep watching, and see which scanners make this technology available. **OP**

If you have any tips or questions, address them to: OUTDOOR PHOTOGRAPHER, Dept TT, George Lepp, 12121 Wilshire Blvd., Suite 1200, Los Angeles, CA 90025-1175 or on the Internet at www.leppphoto.com.

2000 Seminars

Here's a list of locations, dates and contact phone numbers for George's photographic and digital seminars:

Spokane, Wash., Apr. 1 and 2
(509) 926-5224
Dayton, Ohio, Apr. 8
(937) 435-9748
Torrance, Calif. (Los Angeles area)
May 20 and 21
(310) 375-7014
Schenectady, N.Y., Aug. 5 and 6
(518) 887-5075
Baton Rouge, La., Oct. 28 and 29
(225) 272-0025
Anchorage, Alaska, Dec. 2 and 3
(907) 276-1343

Enter the BUSCH BLUE WATERS PHOTO CONTEST

for the chance to win up to $37,500 in cash prizes.

If your photo of any of the bodies of water listed below is selected as the winning photo for that body of water, you could win $1,500 and a matching grant to be shared by American Rivers and a chosen conservation organization for each photo selected. And, your photo may be used on Busch billboards. See details below.

To enter the Busch Blue Waters Photo Contest, send us a photograph* of any of the bodies of water listed below.

Buffalo River	Egmont Key	Missouri River	Mississippi River	The Three Rivers	Niagara Falls
Colorado River	Silver Springs	Atchafalaya River	(S. of MO/IA border)	(Ohio, Allegheny,	Finger Lakes
(Grand Canyon area)	Wakulla Springs River	Chesapeake Bay	Scioto River	Monangahela)	Tennessee River
Colorado River	Chattahoochee River	Au Sable River	Little Miami	Lake Erie	Provo River
(AZ/NV border area)	Wabash River	Mississippi River	Vedauwoo Rocks	The Mohawk River	Greenbriar River
		(N. of MN/IA border)			

Mail your photograph along with a 3" x 5" card on which you have hand printed your name, complete address, age, daytime phone number and the name of the body of water to: Busch Blue Waters Photo Contest Entries, P.O. Box 1985, Young America, MN 55594-1985. (Enter as many different photographs as you wish, but only one entry per outer mailing envelope will be accepted.)

*You must submit a 35mm slide, negative, or large format film, rather than a paper print. Kodak Ecktachrome SW or VS, Kodachrome 64 or 25, Fuji Velvia or Provia are recommended, as they enlarge well. People or domestic animals are not permitted in the photo. Judging will be based equally on the following criteria: overall visual appeal, originality, and quality/clarity of photograph. Judges decisions are final, and winner will be notified by mail or phone. All photographs will become the property of Anheuser-Busch, Inc. and will not be returned.

No purchase necessary, but hurry, all entries must be received by May 1, 2000. Open to legal residents of the United States (except CA and TX), 21 years of age or older.

By participating, participants agree to be bound by all of the Official Rules of this contest. For a copy of the Official Rules, write to us at: Busch Blue Waters Photo Contest Official Rules, P.O. Box 3972, Young America, MN 55558-3972 or check out our websites at www.abenvironment.com or www.americanrivers.org.

©2000 ANHEUSER-BUSCH, INC., BREWERS OF BUSCH® BEER • ST LOUIS, MO U.S.A.

The Continuing Journey

Our vision and interpretation of the world are dynamic and constantly evolving

BY LISL DENNIS

Heavy breathing! One breath, one step at a time, up and over Mount Kailas' Dolma La Pass at 18,400 feet, give or take. Last May, I undertook a pilgrimage trek to the Sacred Mountain of Tibet. With both still and video cameras at hand, I daily synched step and breath during the trek from Humla in northeastern Nepal, entering China at Hilsa, then onto the Tibetan Plateau. Mindfulness was the mandate prescribed by our group leader, Joan Halifax Roshi, a Zen Buddhist priest from Upaya in Santa Fe, N.M. During the monthlong trek, the cultivation of awareness of one's moment-to-moment experience became a full-time practice. One step, one breath. But what was on my mind?

Mindfulness: What does it mean to me in my practice of travel and photography in this post-menopausal millennium? I'm not being flip or overly personal here; maturity just might have something to do with an emerging personal phase shift, including in my photographic practice, and having nothing to do with old age and decrepitude. On the Tibetan trail, I flashed back to my various photographic incarnations and considered how my practice has evolved over 35 years.

After floating around Europe in my late teens as a fledgling travel photographer, I incarnated professionally in 1968 as an aggressive, rookie photojournalist for the *Boston Globe*. Ego, adrenaline, coordination, stamina and the competitive photo-spirit kept me in print for two years as the young, token female staffer. I learned that mindfulness in the news milieu engendered an acute, in-the-moment awareness of unfolding events with an opportunistic ability to be in the right place at the right time. Nothing wrong with that: I got the shot.

Moving to New York City in the '70s, I was reincarnated as a travel photographer, working for magazines and foreign government tourist offices. Mindfulness took a different spin, a style spin. Possessed by developing a personal style, I manipulated the world and its people into compositions that subserved my creative ego imperatives. Nothing wrong with that: I crafted a signature style.

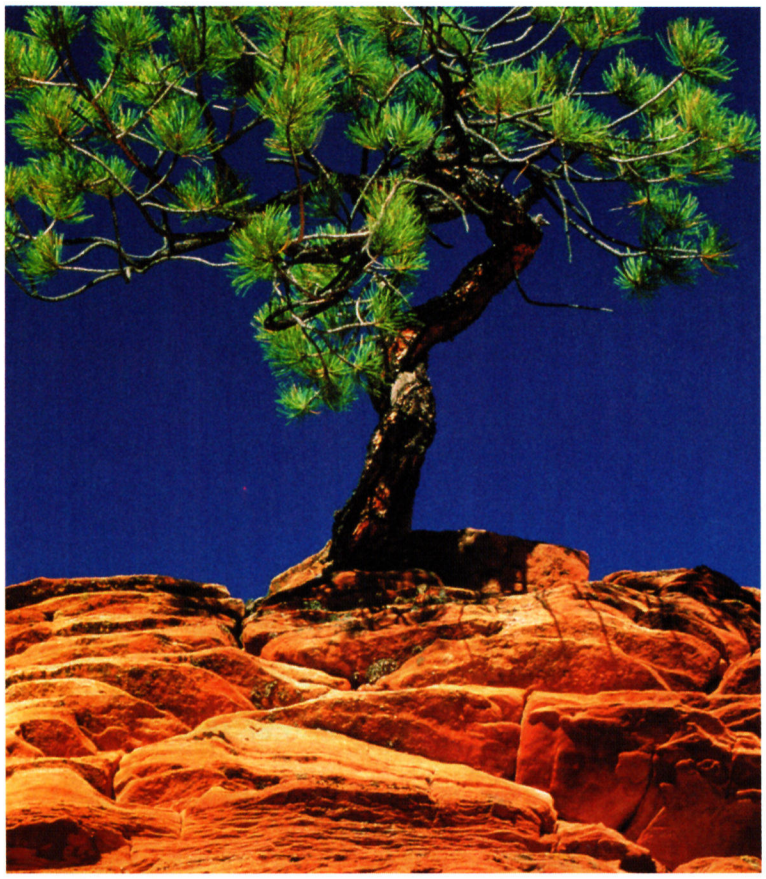
In two decades of global travels and culture plunges, I fancied myself a true cultural competent able to atone in diverse ethnic atmospheres as I balanced my image acquisitiveness with my own mindful code of photo-ethics, often contrary to conventional wisdom. Nothing wrong with that: I felt exotic and saw the world.

Next incarnation: I'm an interiors control freak producing "style" books, as well as shooting for the shelter and interior design magazines. I'm now a decorative arts photographer: multiple lights, medium-format camera and total control of the large-scale, domestic life. Nothing wrong with that: Still lifes of hearth and home.

In Tibet, coming home to the still life within was the incarnation most on my mind during a solo retreat at Lake Manasarovar. Over four days, our trekking party acclimatized along the shores of the highest lake on Earth at 15,000 feet.

Camp-bound for the next two days, I bummed out sitting *zazen* to kill time and quell dispersive thoughts. I crafted my "offering to the Gods." Tie-dying a white prayer flag, I crafted a sheath for the feather and bagged other symbolic, private items in red and blue swatches. I bound the lot into a becoming bundle. Featuring the fetish on my backpack, I knew it would be tough to relinquish my handiwork at Kailas' upcoming Dolma La Pass, the physical and spiritual summit of our mindfulness pilgrimage. However, I had many a breath and step to go before reaching the abode of the all-blissful Lord

(Cont'd on page 133)

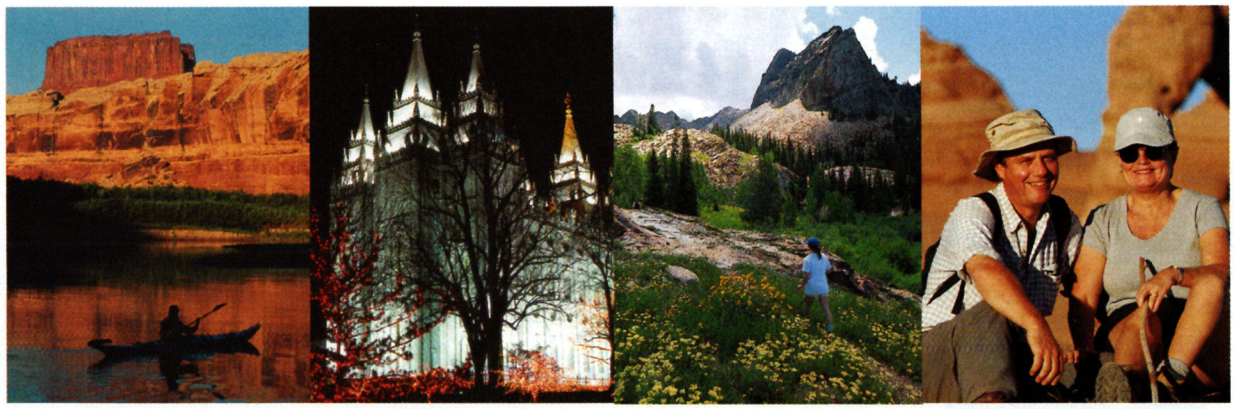


Every day it's tortured, stressed
and overlooked.

You'll feel an instant kinship.

It feels good being in Utah. Here you can find the time and space to forget the daily grind and catch your breath, while you reconnect with things that matter. Towering sandstone castles, vast canyons and mesas, rivers and pristine forests—all combine to deliver the ultimate sense of escape. Throughout Utah, you'll find geographical wonders that will inspire and rejuvenate you. There are five national parks—Bryce, Zion, Arches, Canyonlands and Capitol Reef—to captivate your senses with colors of immeasurable intensity. Plus, there are seven national monuments and 45 state parks with endless recreational opportunities.

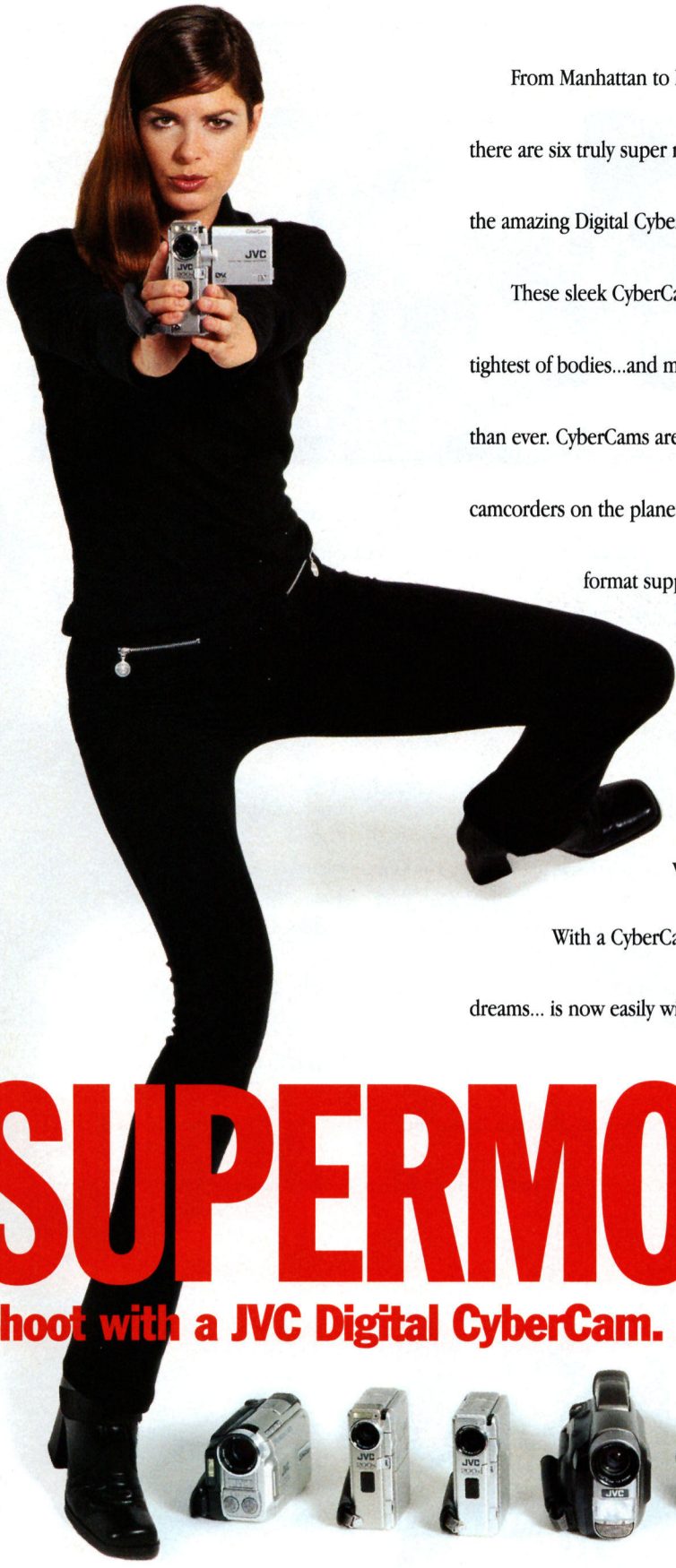
A place where water and sand create a world of their own. You can drench everyday inhibitions with a rafting or kayaking adventure on the Colorado, Green or San Juan river. Or explore Lake Powell's twisting red rock canyons with 2,000 miles of shoreline. Fishing ranges from blue-ribbon fly-fishing streams to trophy destinations like Flaming Gorge Lake. Or try sailing Bear Lake's aquamarine waters or the inland sea of the Great Salt Lake.



Discover cities full of history, culture and entertainment. Salt Lake City is Utah's international gateway and world headquarters of The Church of Jesus Christ of Latter-day Saints. It's also the home of the Utah Jazz, Utah Symphony, Ballet West and the Utah Opera Company. You'll find world-class dining, sophisticated shopping and a special brand of Western hospitality to welcome you.

Play in our mountains and breathe our fresh air. In winter, our mountain playground is open for skiing and boarding, snowmobiling, snowshoeing and cross-country skiing on The Greatest Snow on Earth®. When the snow melts, hiking, mountain biking, horseback riding, golfing and four-wheeling become preferred modes of escape, while outdoor enthusiasts find plentiful opportunities to hunt and fish for everything from trophy elk to wily trout.

Surround yourself in a living history book. From the ancient Anasazi Indians to the Navajo, Ute and Shoshone tribes, to the day when Mormon Pioneers arrived, Utah is rich in the history of the West. Today, the Festival of the American West, Utah Shakespearean Festival, Sundance Film Festival and Moab Music Festival celebrate Utah's heritage with theater, music and dance.



From Manhattan to Hollywood...and everywhere in between... there are six truly super models that *everyone* is talking about—the amazing Digital CyberCams from JVC.

These sleek CyberCams pack powerful performance into the tightest of bodies...and make everything you record more beautiful than ever. CyberCams are not only the most sought-after digital camcorders on the planet, they're MiniDV, the only digital video format supported by every major manufacturer. That means everything you do—from shooting digital video and snapshots, to editing special effects, to creating multimedia masterpieces—will be drop dead gorgeous.

With a CyberCam, what was once beyond your wildest dreams... is now easily within your reach. *Go for it.*

SUPERMODELS.

Shoot with a JVC Digital CyberCam. And watch heads turn.

the only digital video format supported by every major manufacturer

Mini DV

JVC

When Performance Matters.

www.jvc.com

1-800-252-5722

It's hard to take a bad picture in Utah. Utah's dramatic vistas are pure photographic inspiration. Bryce Canyon, Zion National Park, the majestic Wasatch mountains—these are the places that define the look and spirit of North America's West.

Capturing the essence of Utah and bringing back precious memories to share with friends and family is the domain of the new high resolution 3.3megapixel JVC GC-QX3 digital camera. Using the latest generation image sensor technology, the camera captures the rich colors of the landscape to give you some of your best pictures ever. You can tote the compact design just about anywhere. It fits neatly even in the smallest gadget bag or your shirt pocket, yet the JVC GC-QX3 doesn't sacrifice any functionality.

The camera has a versatile, high-quality 2.3X zoom lens, roughly equivalent to a 37-86mm lens on a conventional 35mm camera. You can choose to rely on the sophisticated AF system or select manual focus for total manual control. And if you're taking pictures of Utah wildlife, you can switch to the AF-C mode which continuously adjusts focus for photographing moving animals.

The GC-QX3's NR-Pro Still and DR-Pro Still modes are particularly useful for outdoor photographers with high standards of image quality. The NR Pro-Still mode actually combines data from a number of exposures to create a crisper, clearer final image. The DR Pro-Still mode combines bright-area information from one exposure with dark-area information from another exposure for an image that has a dynamic range close to that of traditional film.

You can complement the impressive capabilities of the GC-QX3 with a digital video (DV) camera to get dramatic full-motion video of the landscape and wildlife. The new JVC GR-DVL9800 Digital DualCam features a 680,000 pixel CCD image sensor to give you excellent-looking video, so good in fact that you'll capture images of the dramatic Utah landscape and fascinating wildlife that rival what you see on television. The JVC GR-DVL9800 Digital DualCam has all of the great video features you've come to expect from a video leader. The body is lightweight and compact. Its large, clear 3.5 inch LCD monitor can be tilted for comfortable image capture at just about any angle. The 10X zoom lens covers everything from a fairly wide-angle landscape to a long telephoto wildlife shot.

JVC GC-QX3 digital camera

JVC GR-DVL9800 Digital DualCam

JVC®

TM©1997 SLOC 36 USC 380

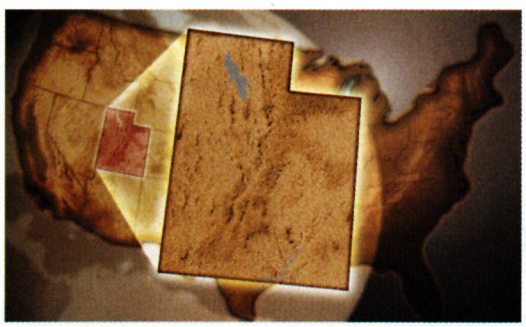
Celebrate our legacy of sport. In 2002, the world will focus its attention on Salt Lake City for the Olympic Winter Games™. But our legacy of athletic competition is alive now. Future Olympians are training on the luge and bobsled track, and flying through the air on nordic and freestyle jumps at the Utah Winter Sports Park in Park City. World-class skiers are carving up our mountains and our skating rinks are hosting skating competitions that lead to Olympic gold. Get a jump on the Olympians. Come ski and board The Greatest Snow on Earth® this year.

Easy to get to, difficult to leave. Salt Lake City International Airport is the gateway to Utah's many attractions. With hundreds of flights a day, you won't have a hard time getting here. And you'll be amazed at how accessible skiing, mountain biking, hiking and sightseeing are. You're within an hour's drive of most of our ski resorts and about four hours by car from our southern red rock country.

Utah!

www.utah.com

JVC®



First Take!

NIKON N80

Built-in Speedlight flash pops up to provide automatic fill or main lighting with lenses as wide as 28mm. Features include slow sync, rear sync (for stopping action), red-eye reduction and compensation from +1 to –3 EV in ½-stop increments.

Easy-to-read LCD screen displays exposure data and other pertinent information regarding metering, film type, advance, custom functions and more.

Bright viewfinder includes On-Demand Grid Lines to help with precise compositions (a custom function you can turn on and off), as well as information regarding almost all camera operations.

Well thought-out design puts the camera's controls where you need them for easy operation.

Five full-coverage autofocus sensors (center, top, bottom, left and right) change color and intensity in low light. Focus tracking locks on even when shooting at 2.5 frames per second.

Depth-of-field preview button allows you to easily check the depth of field before taking the picture.

18 programmable custom functions allow precise configuration of features for each user's specific preferences.

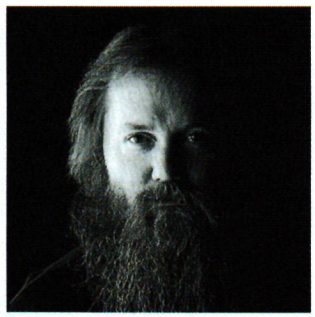
10-segment 3D Matrix metering system references database of 30,000 images; center-weighted metering and five spot meters correspond to zone AF sensors.

Compact dimensions, light weight and durable construction make this a practical, go-everywhere SLR.

Full-time autofocus operation with every AF Nikkor lens, and compatibility with virtually all AI or AI-S Nikkor lenses.

Nikon N80 Specifications

Camera Type: 35mm SLR
Lens Mount: Nikon F mount
Focusing: TTL phase detection Multi-CAM900 autofocus module, manual
Focusing Screen: Vari-Brite screen with On-Demand Grid Lines
Exposure Metering: 10-segment 3D Matrix metering, 75/25 center-weighted metering, spot metering
Exposure Modes: Program AE (flexible program possible), shutter-priority AE, aperture-priority AE, manual
Exposure Compensation: ±3 EV in ½-stop increments
Shutter Speeds: 30 to 1/4000 sec., Bulb
Film Speed: Auto ISO 25-5000, Manual 6-6400 (in ⅓-stop increments)
Viewfinder: SLR-type, eye-level roof prism with 92% coverage
Viewfinder Display: Focus indications, metering system, AE lock, shutter speed, aperture, exposure mode, exposure compensation, frame counter, ready light, multiple exposure, focus area, flash exposure compensation, focus area brackets, 12mm center-weighted metering circle, on-demand grid lines
Flash: Built-in pop-up Speedlight (GN 39), hot-shoe
Depth-Of-Field Preview: Yes; all modes
Film Loading And Transport: Automatic, up to 2.5 fps
Flash Sync: 1/125 sec.
Self-Timer: 2- to 20-sec. variable electronic timer
Power Source: Two CR123A batteries
Dimensions: 5.6x3.9x2.8-inches
Weight: 18.2 ounces
Price: TBA
Contact: Nikon, (800) NIKON-US, www.nikonusa.com



Corporate Wilderness

Sometimes a big company can do the right thing for nature

BY JOHN NETHERTON

The media is often filled with the things companies do wrong about the environment. In Tennessee, however, we've had the pleasure of seeing a new wilderness area become established with the help of a big corporation. Working with the Conservation Fund and the Tennessee Wildlife Resources Agency, Bridgestone/Firestone, Inc. donated thousands of acres of wild land to the state of Tennessee—a gift that now serves as a model for other corporations that choose to cooperate with conservation groups across the nation.

About a year and a half ago, I was contacted by Bridgestone/Firestone and invited to create a book with Senator Howard Baker about this wilderness area known as Scott's Gulf, located on the Cumberland Plateau approximately 80 miles southeast of Nashville and 12 miles south of Sparta.

To play even a small role in the creation of a new wilderness region where citizens would be allowed to hike and photograph made our involvement sheer joy. In addition, we were provided a rare opportunity to explore a natural area where some waterfalls were still unnamed. The result was our second publishing collaboration: a volume of work designed to celebrate the rare foresight of Bridgestone/Firestone and its decision to preserve forever a wild section of Tennessee.

In the springtime, wildflowers carpet the area's hillsides—especially near Polly's Branch Falls. Large-flowered trillium, yellow wood sorrel, pink lady's slipper, crested dwarf iris, phlox and foamflower all grow in splendid profusion. After heavy rains, fungi push through the leaf litter that has accumulated over the previous seasons. Ferns grow in dense patches, sometimes so lush and thick they're a challenge to wade through.

Panther's Branch and Polly's Branch Falls are two of my favorite waterfalls. I prefer to visit them on overcast days, allowing me to work in softer lighting situations. Of course, I shoot at one-sec. exposures (or longer) to achieve the silky look of the water.

Six miles of the Caney Fork River run through this newly designated wilderness. The Caney Fork is a striking emerald green, accented at times by fog that rolls down the corridor of the gorge; the ephemeral nature of this fog can have a mystical effect on the surrounding riverbanks. This location hasn't been logged for more than a generation—or even longer, in some areas—so the mixed hardwood forest is quite thick, and lichen-covered boulders are scattered beneath the understory.

Salamanders and frogs are abundant throughout Scott's Gulf. On rainy nights, salamanders can be seen moving across the forest floor, and gray tree frogs and barking tree frogs can be heard calling for mates. To photograph these frogs, I use a Nikon SB-29 Macro Speedlight. The SB-29, with its dim illumination lamp, gives off just enough light to allow me to focus on these delicate amphibians without causing them any undue stress. Most frogs are better located by sound than by sight, since their mating and other activities take place primarily after dark. Similarly, great horned, barred and screech owls can all be heard calling at night, their voices echoing across the gorge.

In the early morning and late evening, deer can often be

We've been part of some of Hollywood's greatest disasters...

New
Exclusive stackable protective case.

...and musicals. And westerns. And comedies. In fact, the last movie you saw was probably shot with Tiffen filters. That's because top cinematographers insist on Tiffen for our technical precision, quality, and unequaled range of effects. Tiffen is the only filter company to be recognized with two Academy Awards® for technical achievement, as well as an Emmy for engineering excellence.

Not surprisingly, the best still photographers insist on Tiffen for the very same reasons. So whether you shoot film, video, or digital, Tiffen can help you create great images, too. Insist on Tiffen at your photo dealer, and send for our 40-page filter guide. Call 1-800-645-2522. Or visit us on the Web at www.tiffen.com.

Only Tiffen.

- Winner, 2 Academy Awards® for technical achievement.
- Winner, 1998 Primetime Emmy Award for engineering excellence.
- Exclusive ColorCore™ Precision Filter Process guarantees industry-standard consistency.
- Unmatched 10-Year Filter Warranty.

TIFFEN®
Helping Create the World's Greatest Images
www.tiffen.com

The Tiffen Company • 21 Jet View Drive, Rochester, NY 14624 • Fax: 800 394-3686 • In Canada: Nadel Enterprises, Toronto

glimpsed running through the open fields. When I drive into this area, I like to attach a window mount to the car window and have a 500mm lens and camera ready on the front seat in the event I should spot deer or turkeys in nearby fields. The car makes an excellent blind, since animals here have grown accustomed to seeing vehicles pass through the area.

Some of my best photographs of nesting killdeer have been taken here from a car. An intruder who approaches the nest of this bird on foot will invariably send the killdeer into its broken-wing

or feigning display, as the bird attempts to lure the intruder away from the nest. Fortunately, killdeer usually nest near roads—due to their fondness for laying their clutch of four speckled eggs in a gravel area—and by now are relatively accustomed to automobiles.

When photographing sunrises and sunsets on the plateau, you should be aware of differences in light levels between the sky and the gorge. If you wish to include the sky in your shot, a graduated neutral-density filter is a must (one- or two-stop differences work best). Most of the time, I don't include the sky. Instead, I isolate an area—such as a ridge—in full sunlight, while the rest of the gorge remains in full shadow. Then I meter on the lit area and allow the background to go very dark, creating a dramatic contrast.

The overlooks here create an aerial-like perspective, towering over the mix of colors below created by the hardwood trees in autumn. I prefer to photograph fall colors in early morning or late evening, not only for the warmer light but also in order to work with the angle of the sun, separating individual trees from the masses. For one image, I photographed a single water oak leaf—a brilliant red against a deep-blue sky. I deepened the blue even more by using a polarizing filter.

The quiet and the sense of solitude that a wilderness area like this affords can't be measured in dollars. On one visit, I sat for hours listening to Neotropical avian migrants flit about the forest canopy. This reinforced for me the importance of setting aside lands to establish much-needed wildlife migration corridors. In November, I saw sandhill cranes flying south pass over the plateau on their way to the Hiawassee Refuge and then on to Paynes Prairie in Florida. As a nature photographer, I feel a responsibility to protect and help preserve lands such as this that are so vital as havens for wildlife. But there are other reasons I support the creation of such wilderness areas, as well: to enhance the quality of life, and to make always available the tonic of wildness.

Now, other people, too, will have a chance to follow in our footsteps and hike down into the deep gorges of the Bridgestone/Firestone Conservation Area, which will be managed by the Tennessee Wildlife Resources Agency. I'm most grateful to Bridgestone/Firestone, Inc. for setting such a high standard, and I sincerely hope that others will follow its generous example. **OP**

***John Netherton**'s new Scott's Gulf book will be available sometime in May in regional bookstores and on Amazon.com or from Rogue Elephant Press at (615) 371-8012.*

ATX PRO Lens
Consumer Rebates

$200 REBATE

Lens Model			Rebate
ATX 17AF PRO	17mm	f3.5	$ 30
ATX 235AF PRO	20-35mm	f2.8	$ 60
ATX 270AF PRO(II)	28-70mm	f2.6-2.8	$ 40
ATX 280AF PRO	28-80mm	f2.8	$ 50
ATX 828AF PRO	80-200mm	f2.8	$ 60
ATX 300AF PRO	300mm	f2.8	$200

Product must be purchased between 5/1/00 and 10/31/00 from an authorized Tokina dealer in the 50 United States. Submission must be postmarked by 11/30/00. Offer not valid in combination with any other promotion or discount program.

Submit with: 1) coupon, 2) original THK-USA warranty card, which will be returned, 3) Round Tokina ATX lens warranty sticker cut from box, and 4) a legible copy of the store cash register receipt with store name, date of purchase, lens model number and price paid.

Mail to: THK Photo Products, Inc.
2360 Mira Mar Avenue Long Beach CA 90815-1754

THK is not responsible for lost or late mail. Void where prohibited by Federal, state or local law. Valid for U.S. residents only. Please allow 6-8 weeks for receipt of rebate. Any questions, please call 562-494-9575.

TOKINA CONSUMER REBATES
Please send me $ _____ rebate check. Proof of Purchase is enclosed for the following lens(es):

Lens Model / Serial Number
1) _____ _____
2) _____ _____
3) _____ _____

Name _____
Street _____
City State Zip _____
Phone _____

Tokina
©2000 Distributed by THK Photo Products, Inc.
2360 Mira Mar Avenue, Long Beach, CA 90815
Visit online at www.thkphoto.com

Multiply Your Options 2X or 1.4x

With a Kenko PRO converter, made to the highest quality standards and used by many top Pros to multiply their shooting options… no matter what lens they're packing.

Kenko

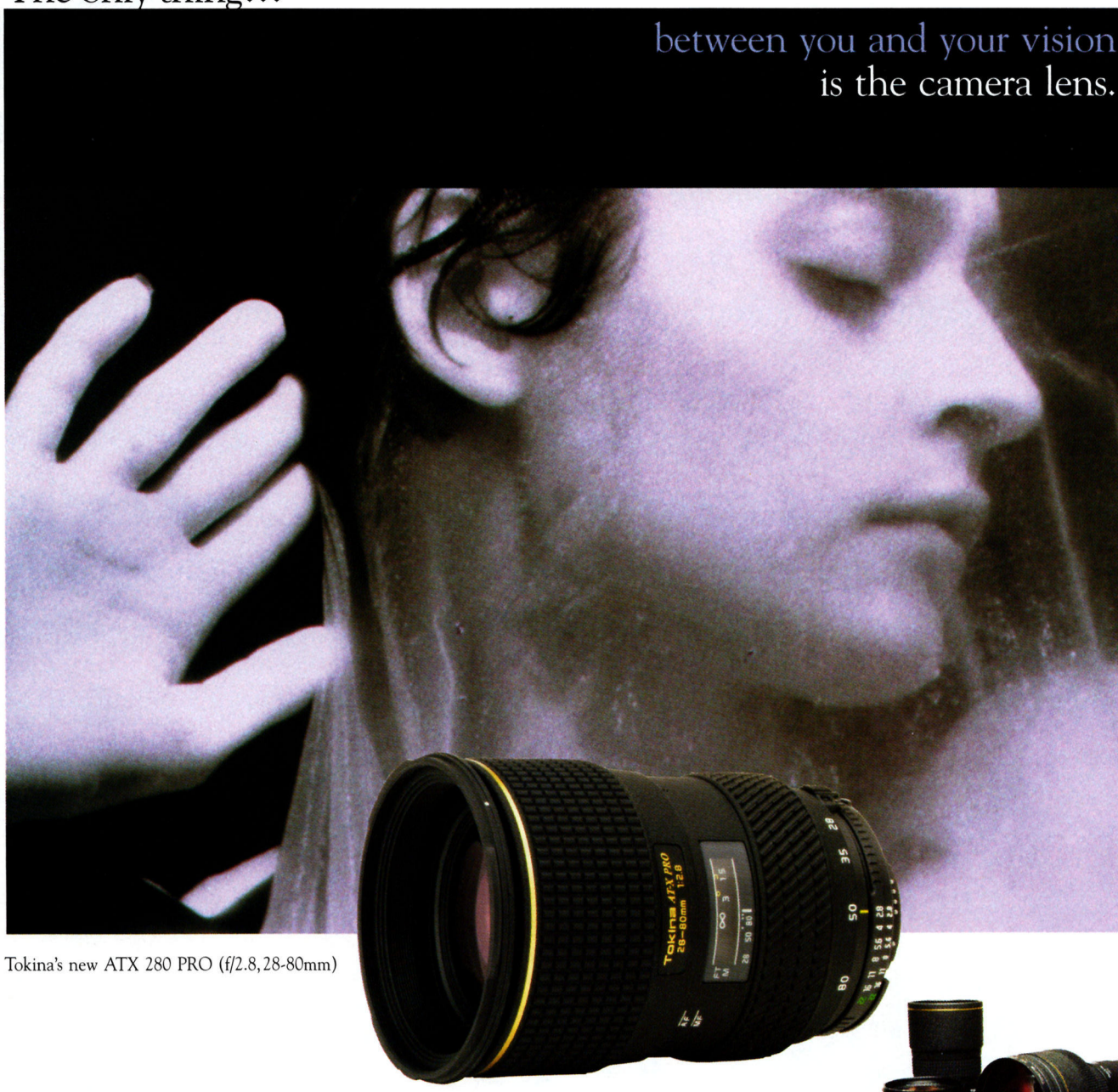
"What astonished us even more was how well the Kenko teleconverter did."

– Herb Keppler in *Popular Photography*

"In short, there was virtually no sharpness or quality loss…" when compared to the camera manufacturer's own lens of comparable focal length.

▲ Circle No. 262 on Reader Service Card.

The only thing...



Tokina's new ATX 280 PRO (f/2.8,28-80mm)

So don't go wide without Tokina's new ATX 280 PRO – the market's only premium quality, constant f/2.8 lens with a range of 28–80mm. The beauty is in the lens– in the optics, the materials, the construction, the performance. This is no mass-market toy, yet it's priced at a fraction of the Nikon or Canon equivalent.

Tokina

AT-X PRO Series

Please visit our web site for more information.

www.thkphoto.com

▲ Circle No. 261 on Reader Service Card.

Distributed by THK PHOTO PRODUCTS, INC.
2360 Mira Mar Avenue Long Beach, CA 90815

F L O V

The quantity and availability of flowers make them perfect for trying new techniques

The Ultimate Outdoor Subject

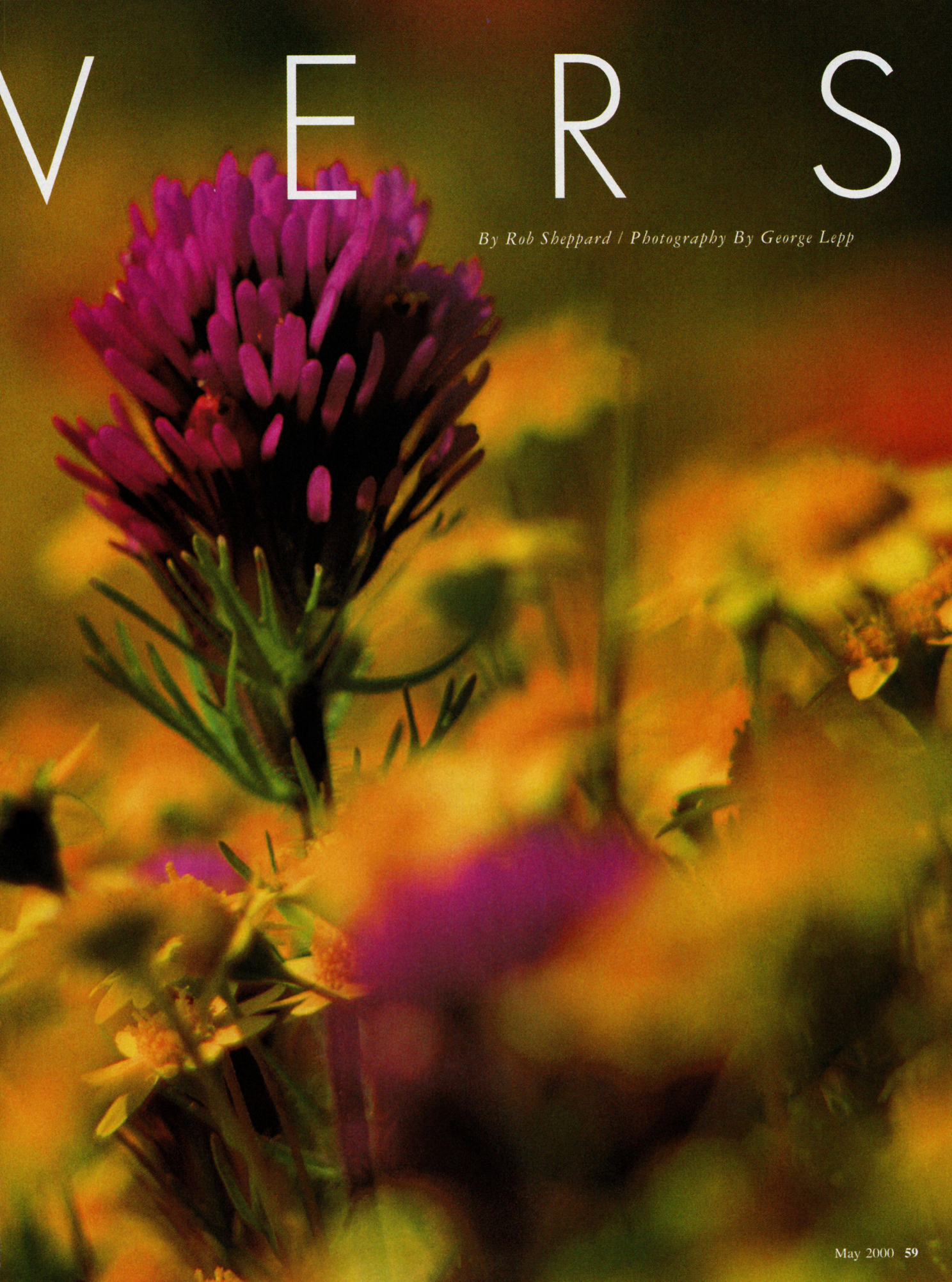
We've occasionally run into fine photographers who consider their skills some sort of endangered species. They want to protect their techniques, much afraid that if the "masses" find out about them, all will be lost.

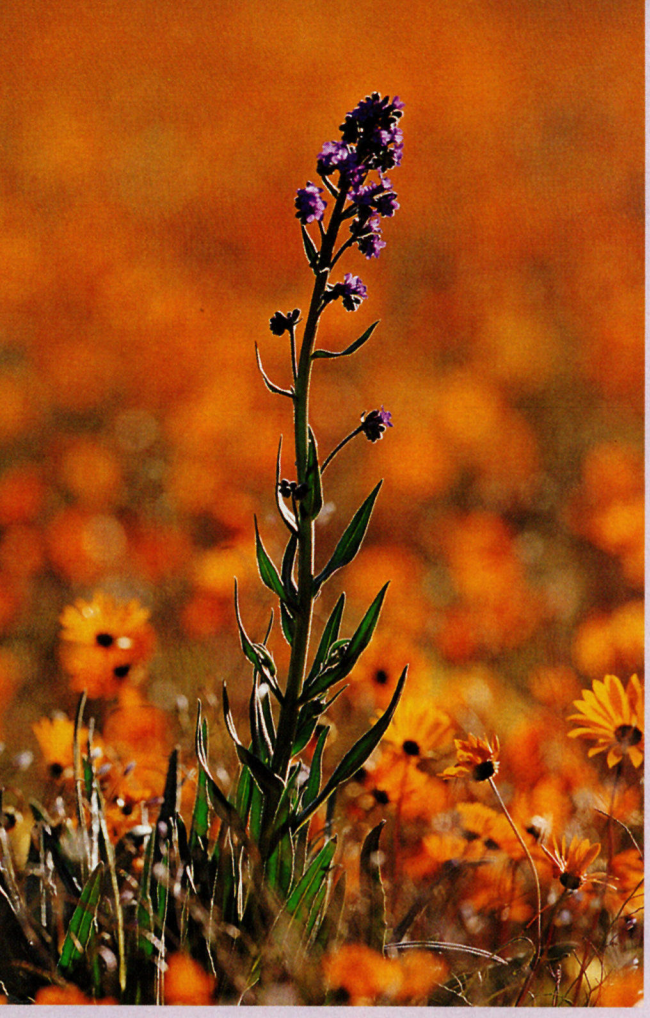
Luckily, most photographers aren't so insecure, or *Outdoor Photographer* magazine wouldn't have much to talk about. One of the best communicators about photo technique in the business is George Lepp, our *OP* Tech Tips columnist. He has refined information-giving to an art. He loves to be in front of an audience, whether in person or through the magazine, to help all photographers make better outdoor images. He has no fear about others stealing his ideas—Lepp brings a unique eye to his photography, an eye he hopes will encourage others to discover their own way of seeing.

One big reason for this is that, at heart, Lepp likes to experiment. He'll try everything (even shooting through the bottom of a Coke bottle) to get a better, more interesting image. By exper-

V E R S

By Rob Sheppard / Photography By George Lepp





imenting, Lepp knows what works and doesn't, and he's happy to tell you all about it, too. He bubbles over with excitement about new ways of doing things. I think if one tried to stop this up, George Lepp would demonstrate that people can, indeed, explode.

This consummate pro has been doing a lot of work with flowers in recent years, from California poppies to Netherlands tulips. He believes that flowers are the ultimate outdoor subject: They're accessible for nearly every photographer, with great varieties growing almost everywhere. Photographers rarely have to go far to work with flowers. And because of the combination of quantity and availability, Lepp tells us, they're perfect for trying new techniques.

"Flowers give you a lot of creative freedom," he says. "They have a bit of mystery, too, since you can never predict exactly what they will do from year to year, and I think that adds to the attraction. Everyone relates to flowers. You can always get a response of some sort from an audience who experiences flower photos."

Yet, flower photos aren't always as successful as they

Isolation

OPENING SPREAD: An owl's clover blossom on the Carrizo Plains of California sticks its head above a carpet of goldfields. The 180mm lens was set to f/5.6 to minimize the depth of field, yet still get the owl's clover sharp.

ABOVE, LEFT: A forget-me-not flower is isolated against a backdrop of Namaqualand daisies in a flower preserve in South Africa through the use of a 500mm lens at f/5.6.

LEFT: A lupine flower stands out from the rest of the group along the banks of Lee Vining Creek near Mono Lake in California. A 400mm focal length was used at f/5.6.

TOP, RIGHT: A close-up of an iris blossom photographed using a macro lens and flash. The lens was set to f/16 for extended depth of field.

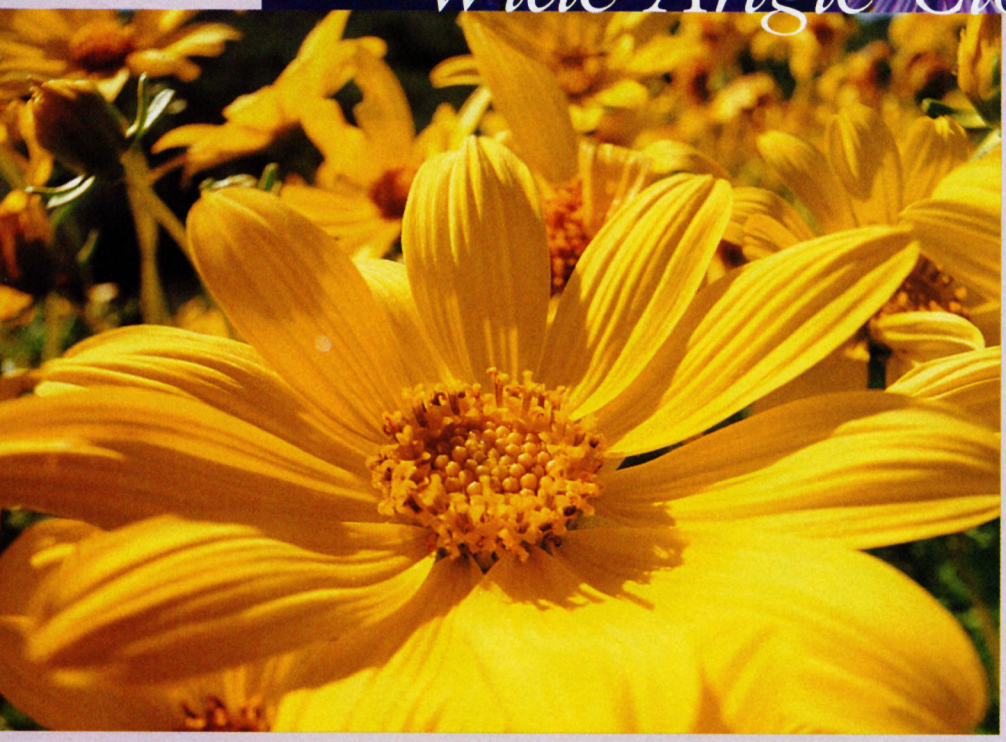
NEAR RIGHT: The feather-like structure of a dandelion gone to seed, photographed with a 50mm macro lens with a 25mm extension tube.

FAR RIGHT: Deep inside the throat of an iris using a 180mm macro lens and a 25mm extension tube. A flash was on the camera's hot shoe to add light into the flower's recesses. The lens was on a tripod and set at f/16 to improve depth of field.

ALL IMAGES: Canon EOS 1N, Kodak E100SW or VS; OWL'S CLOVER: Canon EF 180mm *f*/3.5L Macro; FORGET-ME-NOT: Canon EF 500mm *f*/4L IS; LUPINE: Canon EF 100-400mm *f*/4.5-5.6L; IRIS BLOSSOM: Canon EF 100mm *f*/2.8 Macro and ML-3 Macro Light; DANDELION: Canon EF 50mm *f*/2.5 Macro, 25mm extension tube; IRIS: Canon EF 180mm *f*/3.5L Macro, 25mm extension tube, 540EZ flash

Extreme Close-Up

Wide-Angle Close-Up



ABOVE: By taking a 15mm full-frame fisheye lens and turning it up to the sky, I arranged several blue flax flowers on the lens' front element. By stopping down the lens to f/22 and setting it at its closest focus, even the front element came into focus, and the blossoms were rendered sharp with the sun backlighting them.

LEFT: A 24mm tilt/shift lens was set to its maximum tilt and attached to a 12mm extension tube to give this different perspective of a giant coreopsis flower. The lens was set to f/22 to make use of all the possible depth of field.

RIGHT: A shrub with numerous flowers on its extending limbs is kept in focus by using a tilt/shift lens at its closest focus, maximum tilt and f/22.

ALL IMAGES: Canon EOS 1N, Kodak E100SW or VS; FLAX: Canon EF 15mm Fisheye *f*/2.8; COREOPSIS: Canon TS-E 24mm *f*/3.5L, 12mm extension tube; SHRUB: Canon TS-E 24mm *f*/3.5L

could be, according to Lepp: "Flowers can be a trap for the photographer, too. It seems as if all you have to do is line up a pretty flower in your viewfinder and you're done. But a pretty flower doesn't automatically translate into a pretty picture."

The problem, Lepp explains, is that people have simply seen a lot of flower photos over the years. If it's just another rose picture, everyone has seen what roses look like, so the photo won't necessarily be something anyone wants to see again. Says Lepp, "People need a reason to look at your photos. If you can come back with a truly different image, then people have a reason to look. Today's equipment makes it fairly easy to get a good record shot of the flower. A good artistic, creative photo is a different challenge."

That may be so, but there's still the

Owl's clover and California poppies dominate this hillside near Lancaster, California. This is an example of using a moderate wide-angle lens for landscapes of flowers. One rule to remember when using wide-angle lenses for landscapes is that you need a strong foreground in your composition to make the image work.

Canon EOS 1N, Canon EF 20-35mm *f*/2.8L, Kodak E100SW, polarizer

question, Why put that sort of effort into flower pictures when so many nature photographers go for the spreading landscape or big mammals? Lepp answers, "People take flowers for granted. As photographers, we need to get the people around us to look at flowers again by showing them in new ways. Flowers have wonderful shapes and colors that can be a pure joy to observe. We help people do that.

"In addition, many wildflower populations are declining. In some areas, wildflower hot spots are becoming fewer and fewer, to the point where more flowers are becoming endangered. They're becoming less and less available. If we want people to sit up and notice, to pay attention to the loss of natural habitat, which does show up in flowers, we need to put flower photos in front of them that make them stop and pay attention."

To do that, Lepp uses a number of techniques refined from many years in the field. He offers three that are particularly useful in achieving that stand-out flower photo, techniques he uses constantly and ideas that nearly any photographer can try: isolation, wide-angle close-up and the extreme close-up.

Isolation

Lepp likes to work with extremes. By shooting with a telephoto lens, especially a longer one in the 300mm to 400mm range, wide-open (the *f*-stop set at the widest aperture or nearly so), flowers become isolated in a field of color. This technique puts whatever is focused on in a sharp plane, and everything else gets soft and sensual because of the very limited depth of field.

To gain maximum effect, you often need to go very low with this method of shooting. If you shoot down on the flower, the background is relatively closer

to the subject, making it more in focus, so the effect is diminished.

"This technique isolates and emphasizes that part of the frame that you want the viewer to see," Lepp explains. "The flower becomes like a star on the stage. I also like it because it lets me repeat something of the flower, the color, in the background without having the distraction of a repeating form."

To accomplish this technique with your equipment, Lepp offers some tips. "Everybody probably has a telephoto lens that will work up close with the simple addition of extension tubes. It's interesting that these inexpensive, rugged accessories aren't more often a basic part of a photographer's camera bag. They work on any and all lenses that fit a given camera body.

"This can be done even with the longer focal lengths of common zooms, like 70-200mm or 80-200mm. With the right extension tube and a wide-open aperture, such a zoom becomes a great tool for isolation.

"Many photographers have a 300mm or 400mm for wildlife. With extension tubes, these become incredible flower photography lenses. One can sit down in a patch of flowers with such a setup and turn from one amazing image after another without even getting up."

Wide-Angle Close-Up

"Another reason I like flowers is that I can use every bit of equipment I own, every creative technique, in a small plot of flowers as a wonderful mental exercise," Lepp says. "A lot of photographers consider the wide-angle a distant lens for landscapes and such. I find it a marvelous close-up lens."

By again adding an extension tube, Lepp forces his wide-angles to focus closer, sometimes right to the front of the lens. "The trick is to use the thinnest extension tube you can, say 8mm or 12mm, with a lens that's 24mm or wider. When you put this combination on your camera and move in, you get a whole new perspective. It's like you're standing on the edge of the flower looking in.

"You'll literally see what the flower looks like from a bee's perspective, plus you'll be able to define the surroundings, such as how many flowers are nearby and a little of the setting. The depth of field is great for such a distance, too. One problem people often face with this technique is not paying enough attention to the foreground. You need to be careful of what you place there as it will be very prominent."

Lepp also notes that you'll often get so close that you're touching the flowers. Bring along a soft lens brush or blower to get rid of the pollen. However, Lepp goes a step further with this "problem" by turning his camera to the sky and actually placing flowers on the lens for a colorful pattern!

The Extreme Close-Up

Discover a new world without talking to NASA. Lepp says that's exactly what will happen when you go beyond the normal close-up and into magnification. 1:1 or 1x refers to a close-up shot that has the subject the same size in life as it is on film (as you enlarge the photo, the film size increases; these numbers strictly refer to the size an image appears on the film itself). Magnification starts just above 1x and goes on to about 5x in standard macro photography (you can, of course, go farther).

"Once you go to 1x and beyond, you start to distill the flower to basic elements of color and form," Lepp says. "You can examine bits and pieces of the flower that the eye doesn't normally see. This technique can be difficult, however. There's next to nothing in depth of field."

For the serious magnified close-up, Lepp recommends using extension tubes and teleconverters with macro lenses. He likes something in the 100mm focal length. With such a lens, extension tubes and a 2x teleconverter, Lepp says it's pretty easy to get down to the 2x-plus magnification range.

"You really do need a flash for this," Lepp cautions. "It will stop movement of both you and the subject, and since it allows you to shoot at small apertures, it will help eke out a little more depth of field. Close-up flash used to be hard—now it's almost point-and-shoot simple. The beauty of modern TTL-flash is that anyone can do this."

Common Mistakes

In Lepp's workshops and seminars, he sees a lot of images from a lot of people. He also sees common, but highly correctable mistakes like trying to say too much in a single image and not paying enough attention to the background.

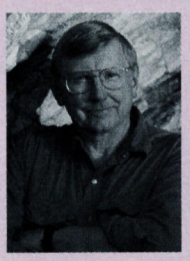
"A lot of photographers try to put everything into a photo," Lepp says. "But that is counterproductive. You don't want the viewer asking what is it that the photographer wants me to see. Flower photos can get way too busy in a hurry. I believe we must orchestrate the image so the viewer sees exactly what we want him or her to see."

Background problems can come from trying to get too much into the photo or from not realizing how strong the background will be in the final image. "All too often in flower images, the background competes with the subject," Lepp explains. "The area behind the subject might be too busy, so the flower itself is hard to make out. There can also be light and dark problems—this happens when the background, or part of the background, is the same brightness as the flower itself."

Lepp says that one great way of correcting these problems is to look at the image in the viewfinder as a finished composition. "Don't simply look through the camera at the subject," he adds. "Visualize what you're seeing as a final product, maybe a print on the wall. Do you like what you see?"

Eye Candy

"I get a lot of pleasure from flower photos," says Lepp. "I hope others gain that same delight in addition to a renewed appreciation of these wonderful parts of our world. Another satisfaction for me is coming up with new ways of shooting this common subject. Flowers are one of the most accessible subjects; anybody can photograph them. The challenge is to come up with something different enough that our jaded world stops and enjoys the moment in appreciation of color, form and subject." OP



***George Lepp** has a Web site specifically designed as a gallery of his images available for sale. Visit www.leppimages.com.*

OP ON THE WEB
WWW.OUTDOORPHOTOGRAPHER.COM
See: "Go For The Close-Up" (March '99)

An intrepid pair of photographers takes an insightful look at the essence of America

Two In America

By Ed Lawrence / Photography By Sonja Bullaty And Angelo Lomeo

Legend has it that when asked how he transformed an 80-ton piece of scrap marble into the famous statue of David, Michelangelo responded that he simply "removed the part that wasn't David." These days, the master sculptor's proclivity for understatement is matched by Sonja Bullaty and Angelo Lomeo when they discuss the images that grace their latest book, *America America* (Abbeville Press, 1999).

"The book is a tribute to this insane place called America, from the sublime to the ridiculous, the supreme beauty and the feel of the surreal and the absurd. It's not just about beauty. We wanted to produce a different dimension, our vision, which isn't always totally in focus," the twosome says.

Of their artistry, the couple is as modest as the legendary sculptor when describing the techniques they employ in the areas of composition, exposure and lighting.

"Ninety-five percent of the job is waiting," Angelo says.

"Sometimes you just have to wait for the picture to find you," Sonja echoes.

They also take a conservative approach to filling their gear bag. "Since we work together, we use a minimum of gear because we can steal lenses from each other," says Sonja. Their bag contains two Canon EOS bodies, an assortment of lenses, tripods and Kodak and Fuji film.

The couple has been borrowing gear from each other since first crossing paths in New York. A product of Hell's Kitchen, Angelo grew up in a close-knit family, the son of an Italian grocer whose business was ruined by the

For more than 50 years, Sonja Bullaty and Angelo Lomeo have traveled the United States documenting our amazingly diverse landscapes. OPENING SPREAD: South Carolina cypress gardens. CLOCKWISE, LEFT TO RIGHT: New Hampshire apple orchard; Palm trees on Maui's Hana coast; White Sands National Monument, New Mexico; Badlands National Park, South Dakota.

CYPRESS: Canon EOS 630, Canon 100-300mm, Fujichrome Sensia; ORCHARD: Canon EOS A2, Canon 80-105mm, Fujichrome Sensia; MAUI: Canon EOS A2, Canon 75-300mm IS, Fujichrome Sensia; SANDS: Nikon F3, Nikkor 28mm, Kodachrome 64; BADLANDS: Canon EOS A2, Canon 75-300mm IS, Fujichrome Sensia

"Ninety-five percent of the

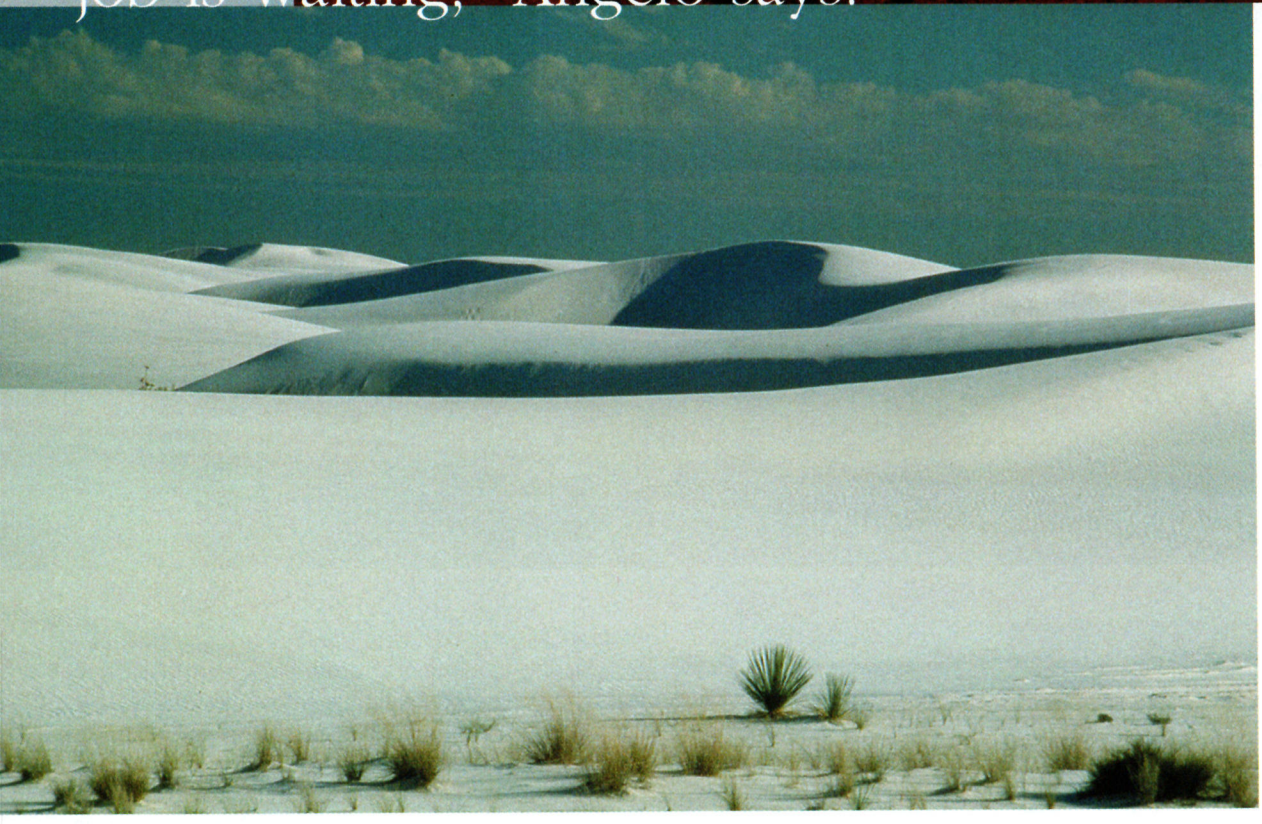
Great Depression. Despite the family's dire circumstances, he managed to study at the School of Industrial Arts, where he was heavily influenced by the lighting theories of artist Edward Hopper, a subject that still commands his attention.

Lomeo eventually discovered Roosevelt's Civilian Conservation Corps, and headed to Montana to work as a logger and firefighter. In addition to earning a living, he discovered the northern Rockies, to which he and Sonja have returned on many photo safaris.

After a stint with the U.S. Army in Germany, he returned to New York where he managed a rental darkroom and spent spare time teaching himself the rudiments of photographing and developing black-and-white images.

Sonja gravitated to New York following a harrowing experience in Nazi concentration camps. The daughter of a prominent banker in Prague who began taking photos as a 14-year-old, she was deported with the family to Poland following the German occupation of her homeland. The only member of the fam-

job is waiting," Angelo says.



ily to manage an escape from the camp, she returned to Prague where she found employment with the legendary one-armed photographer, Joseph Sudek.

It was from Sudek that she learned the admonition to "Hurry, slowly," which has profoundly influenced her work, and developed an affinity for photographing windows and reflections and patriotic kitsch. She and Angelo met in 1947 at his darkroom, and they've been globe-trotting together ever since.

Their professional careers began as fine-art photographers shooting museum pieces—sculptures and paintings—using large-format equipment. Angelo was drawn to the challenges of making light condense and distilling the elements of a photo, a la Hopper; Sonja's challenge was to capture the shadowed illumination of 17th-century artists like Rembrandt.

Vacations and spare time were spent exploring the continent photographing people, wildlife, landscapes and buildings. They eventually abandoned the bulk of their large-format cameras for 35mm cameras, and have mastered the

Goldfinches resting on thistles, Great Smoky Mountains, Tennessee. Along with majestic landscapes and poignant urban street scenes, Bullaty and Lomeo also share a knack for capturing small, subtle details. You can see some of that talent and their appreciation for bright colors and unique compositions in this image.
Nikon F3, Nikkor 80-200mm, Kodachrome 64

format so successfully that photographs of skyscrapers that fill one section of their book are virtually as geometrically precise as those produced by a large-format camera.

"The greatest challenge is getting the quality and detail of the large format to the flexibility and response of the small format, without sacrificing the captured moment, which is the strength of the 35mm," says Sonja.

"We don't use architectural lenses, either. Sometimes distortion can be exciting," adds Angelo.

Though they're technical virtuosos, intangible elements play a prominent role in their artistry.

"Timing," says Sonja, for example, pointing to a full-page shot of sunrise overlooking the Atlantic Ocean. "It was almost totally dark, with a hint of blood-red on the horizon when I set up. So the challenge was to expose for what I want, rather than what's there." It was "a sublime moment" she recreated by putting the camera on a tripod and setting up for a timed exposure.

The result is an intense red-orange sky set against a surf so subtly blurred that we can almost hear the sound of the ocean being broadcast from the page.

Though they travel together and shoot the same locations, "We can stand side by side and see different images," Angelo

QUICK TIPS

From Sonja And Angelo

- Totally know your camera. Spend hours learning it. It should be part of you.
- Always be looking around. The result may be different than you intended, but better.
- Explore large segments of color to keep the photo from being too busy. Use an overall pattern of color.
- One has to go back to a place often to capture its spirit.

says. A day in Yugoslavia, while on assignment for *Life* magazine, provides an example.

"I saw a man in a canoe, with a bottle of wine in the bow, and the light was milky white," he recalls. "I spent an hour climbing down a bank to shoot him."

"I was stuck in a hot car, couldn't imagine why he wanted that shot and resented it," Sonja says. "The photo is now hanging in the Metropolitan Museum of Art," she adds sheepishly.

Beyond borrowing gear, working together has other benefits. Because he was suffering from a cold and chose to sit in the car while she shot an ice-covered tree, Angelo's inspiration to highlight a road sign with headlights added a blazing yellow element to a winter shot.

There's safety in numbers, as well. Of an incident on a Wyoming highway, Sonja says, "It's not healthy or wise to get in the middle of the road with a tripod and wait for the right shot unless the other person can give a yell of warning when a car approaches."

What about composition? Color?

"We can't explain that because what works for one photographer won't work for another," they say. "And your view of the world is influenced by who you are."

"We shoot from many angles because everything in nature is in chaos," Angelo says, then adds, "Most people don't recognize that shadows become a color of their own."

Exposure?

"Bracketing helps, and we do it for the obvious reasons," says Sonja. "It's a creative device that creates an effect. But proper exposure is a myth. The only proper exposure is the one that best fits the mood of the photographer."

Best light?

"Early morning and late afternoon, when it's mottled," Angelo says.

"Not necessarily. Any time is good," says Sonja, reminding him of an Arizona landscape that's on the cover of the book. "We shot that at noon."

Of the cover shot, Angelo also recalls that a horseman unexpectedly appeared, gazed over the canyon for a moment and quickly disappeared. "We got two shots before he left. The picture was a happy accident."

Despite the years of travel, their enthusiasm for the art hasn't waned. As we talked, the sky outside their New York apartment filled with snowflakes, creating an air of excitement at the photographic possibilities.

"But the flakes are too small," Angelo says. "Maybe they'll freeze tonight and we'll have ice trees to photograph in the morning."

The 216-page *America America* is a portable gallery of images they've accumulated during five decades spent criss-crossing the country. The publisher's choice of a large, 10x10-inch format magnifies the multitude of elements in the photos, many of which command a double-page spread.

It also has a visceral appeal for those who aspire to a higher level of artistry. The couple's words and photos invigorate us with the knowledge that, armed with a camera, lenses and a box of film—and the willingness to spend 95 percent of the time waiting and to hurry, slowly—good photos are close at hand and available for the taking. **OP**

Angelo Lomeo & Sonja Bullaty

For The Love of Kick Ass Filters

Learn the ins and outs of why and how to use filters to gain maximum control over your photographs

Text And Photography By Daryl Benson

I LOVE FILTERS. Whether I screw them onto my lens or create them out of the digital ether, I think filters kick ass. They give me the power to control the image. Many people think of a filter as simply a way to pump a particular color into a picture. To me, however, a filter is a much more powerful tool. Making a great photograph is all about being in control rather than being controlled by the image. Why you choose to use a filter and how you go about implementing it is the key to getting the most from the filter and creating your best photograph.

1

Why Use Filters?

Why are you using filters? What's your intent? What is it you're trying to do or capture? If you don't have a reason, that's

2

See page 78 for caption and tech information on all images

fine; however, you'll generally find your photography more successful if you have an idea about what you're trying to create when you're shooting.

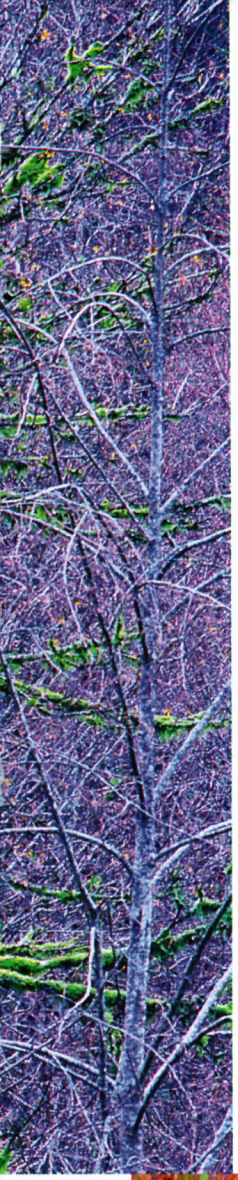
For the photograph from Olympic National Park (#2), I used an #80A blue filter. One of the better known reasons to use filters is that color can help communicate. The color blue, for example, can evoke feelings of coolness, serenity or loneliness. It can also imply a certain time of day—dusk, night or early dawn. Similarly, the warmer colors will elicit an emotional response of warmth, sunrise, sunset, heat, passion or danger, and so on.

Originally in the Olympic National Park image, the background branches contained many different, subtle hues all competing for attention. The #80A filter gave a fairly strong overall wash of blue to the scene. This helped harmonize and reduce all the chaos and clutter of the busy background and allowed the greenish moss to stand out better in contrast. The green became slightly more cyan because of the blue filter, but was still a strong enough color on its own not to be completely overpowered by the blue.

This is another point often misunderstood about filters. Using a filter with a strong color bias, such as #80A blue or #85 orange, won't cause everything in the scene to homogenize into the same color as the filter. Streaking red taillights photographed through a blue filter will still be red. There won't be blue light in the taillights—all the blue filter will do is reduce the amount of red light reaching the film, but the light that gets there will still be red. Similarly, if you photograph a blue sky with an #85 orange filter over the lens, the sky won't become completely orange. It will be somewhat orange (there's some orange light in a blue sky) with a dark blue hue to it.

I've been shooting with filters for nearly 20 years now, and I still sometimes get surprised. I like surprises, so I try to accommodate them. I also admit to shooting this scene with a strong orange filter just to see if it might surprise me. In this case it didn't—the blue image was the stronger of the two, but don't assume too many things when you're out shooting. You can make assumptions as to what did or didn't work once you're back home, hunched over the light table.

The photograph "Alberta Dawn" (#4) is a fairly recent image. On this morning I knew the shot I wanted—it was right there in front of me. A big part of the creative process in photography lies in getting that image onto film. This is



where filters help give you control. I wasn't trying to hit anyone over the head with any particular color or technique; I just wanted to capture that image on film. I used a 2½-stop, soft-edge graduated filter to help balance the sky exposure with the darker, furrowed foreground (the soft graduated edge of the filter was brought right down to the foreground fence line). And then I bracketed—a lot. This image was overexposed by approximately one stop from the meter reading, after the filter was in place.

To me, photography is a visual thing, not a technical thing. If the scene is before you and you have the time, bracket. Sometimes fog overexposed by two stops creates a better image than if overexposed by one stop, which is what the manuals advise. Sometimes the image accidentally *underexposed* by a stop or two is the better image. Don't forget that dumb luck can always have something new to teach you.

The most important element in the success or failure of a photograph is the observer. To that end, it's very useful to understand how we (the observers) perceive the world. Colors that are opposite one another on the color wheel are perceived to have strong contrast when in close proximity. Examples are blue and yellow, red and green, purple and orange. These are said to be complementary colors. If you photograph red flowers in a field of green grass, for example, both colors will appear dramatically more intense than if photographed alone. They physically wouldn't be any more saturated, but our perception of these colors would increase dramatically.

Another classic example of this is blue and white. Nothing makes blue look bluer than being in close proximity to white. Take a nice mountain landscape and polarize that big, clear blue sky to the max (the sky will always polarize the darkest at 90° from the sun's position). All it will take is one wispy white cloud or a slight sugar dusting of snow on the mountains, and that blue sky will take on an intensity that will be visually much more dramatic than without the white (a close proximity of white, in small amounts, will help most colors, but none more than blue). Again, it physically won't be any more saturated, but our perception of it will be stronger.

The two colors with the highest contrast are black and yellow. Painters and graphic designers know this and use the two colors in close proximity to grab our attention or make an object stand out (this is why many cautionary street

HOW TO USE FILTERS

The following is a list of general tips for using filters. Some of these tips may seem familiar, but you might be able to pick up a useful tidbit that you didn't already know.

1 I often use two, three or more filters at once. While physically there's a loss of light and sharpness for every air-to-glass surface, this can go virtually unnoticed with the application of some common-sense tips when using filters. Always keep them clean and, whenever possible, shaded from direct light. Even if it seems the light is falling on the surface of the filter from a very oblique angle, shade it! You can lose a great deal of contrast through glare off the front surface of your lens or filter (metaphorically speaking, this is similar to pouring a thin layer of milk over the surface of your image. Of course, this could be used to effect if you're going after that high-key, homogenized look).

2 Be careful to avoid fingerprints and scratches. Plastic filters will scratch much more easily than glass. However, plastic filters are much lighter to carry around, a real asset once you start accumulating a small army of these light modifiers.

3 Try to keep filters free of fog in cold or humid conditions. A buildup of condensation can often go completely unnoticed until after shooting, when you take off the filter and discover a thin coating of diffusion over its entire front surface. If you happen to be walking around with the camera over your shoulder or around your neck with lenses and filters exposed to the elements, check the front surfaces carefully before shooting to make sure they're clear. (Pro Tip: If the filter does fog up and others notice, but you don't, when they bring it to your attention—and they will—tell the client, student, shooting companion, whomever, that you know and it was an intentional and desired effect.) To be honest, many successful or unique images are often a result of accidents from which you can learn or benefit.

4 When handling filters, particularly in cold or humid conditions, it's best to hold them at the sides near the top. This way, any moisture evaporating from your hand will rise away from the filter and not condense on its surface. A shaving brush is a nice accessory to carry in winter. Use it to clear snow off of your camera, lenses and filters. Trying to blow the snow off or using tissue paper often results in the snow melting, smearing and then refreezing on the equipment.

5 Be sure to re-check focus after all the filters are in place, particularly with longer focal length lenses. Make sure the filters are perfectly parallel to the front of the lens (this is a concern not so much

5

with the screw-in filters, but the ones that slide into a holder system). If the filter isn't seated properly it can cause a ghosting or echo image, particularly in high-contrast scenes or along horizon lines, as well as shift the focus, again more problematic with longer focal length lenses.

6 Vignetting is always a problem when using filters on wider-angle lenses. Short of digitally correcting this problem afterward, I don't have any magic solutions other than to be aware of the problem. Many filter and camera manufacturers make special thin polarizing filters for some of the wider-angle lenses (you'll pay a premium for this, though). Shaving off the first one or two filter slots on a holder will often give you that extra couple of millimeters to shoot without vignetting. If all else fails, you can always just physically hold the filter against the front of the lens.

7 I'm often asked about the wisdom of placing several plastic filters over the front element of a several hundred (or even thousand) dollar lens. I can only answer from my own experience (Lord, make my words as sweet as honey, for one day I may have to eat them.) I've never had a problem with focus or sharpness that was the fault of a filter. Given the choice, I'd sacrifice a bit of sharpness for control over exposure and color, but I really don't see this being the case. The limiting factor right now is film. Good quality lenses (today, virtually all of them are) can capture more detail than the film can resolve.

8 A common problem with having and using dozens of filters is portability and space. At one time my photo vest was bulging with filters, each in its own individual case (more than 40 in all). A good friend and photographer, Ron Stroud, discovered that small zippered pouches which hold up to 24 individual CDs (without their plastic cases) are perfectly adaptable to holding individual filters up to 4x6-inches. These CD pouches are available at most record stores and have freed up much more room in my vest (which I've promptly filled with more filters).

and highway signs are black and yellow). Now, I realize that you can't photographically control the clouds or snow, or make the field of wildflowers red or make your scene black and yellow. The point is to understand how we see and what grabs our attention from the millions of stimuli that flow into our subconscious minds. Take advantage of this knowledge and use it to effect in your photography. (To learn more about human perception of our world, check out "Gestalt Theory" at your local library or on the Internet.)

Interestingly, one of my favorite groups of filters takes advantage of the complementary color combinations mentioned earlier. The Cokin color polarizers are available in Red/Green, Purple/Orange and my favorite, Blue/Yellow. These filters help you take advantage of the complementary color combinations by adding one of the filter's colors to the areas being polarized (depending on how you orient the filter), and then adding a wash of the filter's other complementary color to the rest of the scene. These are very visual filters to use—the

is that large areas of solid, highly saturated color often tend to block up on film. These intense regions of color seem to dominate the film's emulsion so much that there's often very little texture detail within the subject. The warmer end of the spectrum seems to be particularly bad (red is the worst). Unless you're going for the pure abstract, color needs some visual texture to hang onto, otherwise it becomes a big floating blob of hue.

One digital technique I've found that works very well at taking any little amount of texture or detail in the scene and enhancing it dramatically uses a filter called "High Pass." In Photoshop, for example, open your color blob image and create a new layer of it. On the top layer, run the High Pass filter (Filter>Other>High Pass). A dialogue box will open, asking you for an amount. For a large file of 20 to 50 MB, try starting with an amount of 6. After the filter has run, desaturate that top layer and select "Hard Light" from the blending modes. Blending with Hard Light hides everything that's 50% gray and will add the image's own texture to the highlight

effect is easily visible as you rotate the filter. If you're the curious type and are interested in taking a short, drug-free, hyper-3-D trip without any unpleasant side effects, try putting a Cokin Blue/Yellow color polarizing filter over your left eye, with the filter oriented to maximum blue. Then put a Cokin Red/Green over the other eye rotated to maximum red. Now go for a walk outside, particularly on a wet day (the polarizing effect works best on wet or shiny surfaces), and enjoy the trip *("The cure for boredom is curiosity; there is no cure for curiosity."—Dorothy Parker).*

Digital Filters

I was going to say that digital changes all the rules, but it really doesn't—we're still hardwired to perceive the world in a certain way. What digital does is allow you to push those rules to the very edge and give you the control to execute your visions and ideas until they're perfect (a very daunting responsibility—what's perfect look like?).

There are a few digital techniques I've found useful when dealing with color and filters. One thing I've noticed

CAPTION INFORMATION

IMAGE 1 ***Bales, St. Lawrence River, Quebec: A polarizing filter and Singh-Ray Blue two-stop, soft-edge grad filter were used to make this image. This shot, which was cropped from its original format, worked much better when cropped into a square.***
Pentax 645, Pentax 200mm, Fujichrome Velvia, Singh-Ray Blue two-stop, soft-edge graduated filter, polarizer

IMAGE 2 ***Olympic National Park, Washington: The blue filter helped give the image a uniform wash of color and minimized the chaotic background.***
Pentax 645, Pentax 200mm, Fujichrome Velvia, #80A blue filter

IMAGE 3 ***Autumn Sumac, Fredericton, New Brunswick: I used my favorite filter, a Cokin Blue/Yellow color polarizer. The wet surfaces that would normally cause glare were turned blue by the filter, while the rest of the scene was given a wash of warm yellow by the filter's complementary hue.***
Pentax 645, Pentax 45mm, Fujichrome Velvia, Cokin Blue/Yellow polarizer

IMAGE 4 ***Alberta Dawn: The grad helped me balance the exposure between the foreground and background so the subtle detail of the trees would be visible through the fog.***
Pentax 645, Pentax 120mm, Fujichrome Velvia, Singh-Ray 2½-stop, soft-edge graduated filter

IMAGE 5 ***Irises, Spring Rain: A digital filter called "Liquid Metal" was used to give this photo its rainy appearance.***
Pentax 645, Pentax 120mm Macro, Fujichrome Velvia, Liquid Metal digital filter

IMAGE 6 ***Burano, Italy: Without visual texture or shading, color loses all sense of depth and therefore is usually much less effective. Digitally enhancing or adding to the texture of an image gives color, and the eye, something to hang onto.***
Pentax 645, Pentax 120mm, Fujichrome Velvia, High-Pass digital filter

©1999 Fred Hirschmann

GET INTO THE FIELD
WITH THE ALL-METAL TOYO 4X5

HUGE 4X5 NEGATIVES let you make prints sharper than you ever imagined. Record every nuance of light and shade, tonality and detail. Experience composition on a large 4x5 ground glass. Control your focus, depth of field and perspective with precision and freedom.

NOW YOU CAN CHOOSE A RUGGED, ALL-METAL TOYO-FIELD folding 4x5 field camera to fit your back pack...and your budget. Choose from the Deluxe Toyo 45AII including Revolving Back and Folding Focusing Hood. Or get the Basic Toyo 45AX, with Reversible Vertical/Horizontal Back **for under $1600**. Either way, you get the precision, system capability, and value of an all-metal 4x5 system camera. Both feature sturdy drop bed and double extension construction for use with lenses from 47mm superwide to 360mm telephoto, and polymer coated shift, rise, tilt and swing movements for smooth operation and durablitiy under all outdoor conditions.

Both camera backs come with a Toyo Superbrite™ Fesnel lens, and also accept 6x7, 6x9 and all brands of 6x12 panoramic roll film backs. They both accept a full system of optional Toyo accessories including recessed lens boards, lens board adapters, compendium lens hoods, and roll film backs to meet the needs of the most demanding outdoor photographer.

SPECIAL OFFER

Ten Free Geniune Toyo 4x5 Cut Film Holders (over $300 value)

Starting October 1, 1999, for a limited time, purchase a Toyo-Field 45AII or 45AX camera and send proof of purchase (bar code label, copy of sales receipt, registration card) to Toyo Division, and receive your free genuine Toyo 4x5 cut film holders (5 twin packs #180-903) direct from Toyo.

Check with your local Toyo dealer about rental, purchase and lease options. And for details on Toyo cameras and accessories, check out our web site, or write for a **free** full-line catalog on Toyo 4x5, 8x10 studio and field cameras.

GET THE BIG PICTURE WITH
TOYO-VIEW

MAMIYA AMERICA CORPORATION 8 Westchester Plaza, Elmsford, NY 10523 • Phone: 914-347-3300 • Toll free FAX: 800-321-2205 • www.toyoview.com • E-mail: info@toyoview.com

PELICAN®

THE WORLD'S TOUGHEST WATERTIGHT CASES

TALK ABOUT FREQUENT FLYER MILES!

For over 23 years, Pelican's protector cases have survived the most severe abuse, have been dropped off airline conveyers, have been thrown in baggage compartments and have fallen off pickup trucks.

From the Antarctic cold to the heat of the Sahara desert, Pelican cases have been run over by Hummers™, bitten by polar bears and expelled from submerged submarines.

Some folks even think Pelican cases make great reusable air freight shipping containers: FOR THE RECORD, WE DO NOT APPROVE. But, we stand behind our legendary "You-Break-It-We-Replace-It Forever" Unconditional Lifetime Guarantee.

Ask any National Geographic photographer what's standard issue for them.

17 SIZES

MADE IN THE USA

UNCONDITIONAL LIFETIME GUARANTEE

AVAILABLE AT YOUR PELICAN DEALER OR CALL FOR LITERATURE

PELICAN PRODUCTS PHOTOGRAPHY DIVISION

23215 Early Ave., Torrance, CA 90505 • Tel (310) 326-4700 • Fax (310) 326-3311 • www.pelican.com

▲ Circle No. 140 on Reader Service Card.

KICK-ASS FILTERS

and shadow areas. To finesse the image more, try playing with the blending opacity, run the "Despeckle" filter or "Levels," or start again with a higher amount setting for the High Pass filter. Push it hard: try an amount of 50 and see what happens. For the image "Burano, Italy" (#6), the texture was enhanced in the pink stucco wall and green chair using this technique with a High Pass filter amount of 12. The colors themselves weren't enhanced digitally—they didn't need to be!

(The term "filters" is used by many software applications to refer to such a myriad of image-altering techniques that to try and hold them all in mind as you create would cause the brain to lock up to the point where cognition could only be accessed through the primitive, drooling, brain stem. Interestingly enough, this is the desired state to be in when watching television infomericals.)

One of my favorite digital filters is called Liquid Metal, which resides in a program called Painter. If you have Painter, open an image in it and look in the "Objects: Plug-in Floaters" window. From the bottom pull-down menu, select "Liquid Metal" and click "Apply." A new dialogue box will open, giving you several options from which to choose. For the image "Spring Irises" (#5), which was a 25 MB file, I used the following settings: Amount: -2.4; Smooth: 100%; Size: 6.0; Volume: 131% (you've gotta throw in an odd number now and then just to keep the computer honest); Spacing: 0.808; Standard Metal: Display Handles unchecked; Surface Tension checked; Refraction: 100%. Then click the "Rain" button and watch it rain on your image. Cool! Click "OK" when you're happy with what you see. If you save the document and open it in Photoshop, the rain will be on a separate layer. This is great, as it allows you to further finesse the image. Adding a small bit of Gaussian blur to the rain layer and reducing the Normal blend opacity to 90% gives a more realistic look. As always, experiment and season to taste (*"Research is to see what everybody else has seen, and to think what nobody else has thought." Albert Szent-Gyorgyi, Scientist*). **OP**

OP ON THE WEB
WWW.OUTDOORPHOTOGRAPHER.COM
See: "Filter For Color" (Oct. '99)

See what some of our many satisfied customers have to say about our customer service...

Thanks for the wonderful deal...a good deal goes a long way.

Thank you for your fine service.

It's a pleasure to do business with professionals...
My brother saw the camera and wants one too!

I look forward to doing business with you in the future.

I enjoy doing business with you.

I have been passing the word along about the ease of ordering online with you...

Come see what everyone is talking about.

mycamera™.com

The Online Imaging Authority.™

Free ground shipping on orders over $100.

Call Toll Free 877-MYCAM99

cameras • video • binoculars • telescopes • albums • frames • books
• supplies • information • bargains • quality • service • value

▲ Circle No. 121 on Reader Service Card.

Choose

Be prepared for every travel photo op by

Back in the early 1960s, I watched a television series about a hired gun who got the job done with the tool of his trade: a six-shooter. The lead character's name was Paladin and his business card read, "Have Gun—Will Travel." Today, I'm into travel and shooting—pictures, that is. And because I know that packing several different film types is essential for getting good shots in the different lighting situations I'm sure to encounter on my journeys, my own card reads "Have Film—Will Travel."

As I write this article, I'm flying from Kathmandu, Nepal, to Singapore and then on to New York. My wife, Susan, and I have just completed an action-packed, 10-day photo trek of this magical and exotic kingdom. I think I got some pretty good pictures. Sure, I had great subjects—Buddhist monks, Hindu and Buddhist temples, children on remote farms and some wildlife—but being prepared with lots of different types and speeds of film played an important role in the success of the shoot.

There are almost as many film choices as there are subjects to shoot. Being prepared with the various tools of the trade increases my odds of getting exactly the shot I want. I usually travel with all of these films because they each serve their own particular purposes—and like Paladin, they help me get the job done.

Slide Film

Slides are a basic part of any pro's pack. It's not that they're higher quality than prints—negatives are just as

When he traveled to Nepal, photographer Rick Sammon carried a selection of slide and print films since he knew he'd be faced with a variety of subjects in different types of light. The little girl (opposite) was photographed in open shade with 400-speed print film, while the tapestry (left) was captured on 100-speed transparency film.

LITTLE GIRL: Canon EOS 3, Canon 70-210mm, Kodak Royal Gold 400; TAPESTRY: Canon EOS 3, Canon 50mm macro, Kodak Elite Chrome 100

sharp and colorful as transparencies. But slide film does have its own unique characteristics and advantages:

• **What you see is what you get.** In other words, you can see immediately how filters and exposure adjustments affect a picture. With print film, it's up to the processing operator/equipment to determine the color, brightness and contrast of the print that comes back with your processed film.

• **Art directors and magazine editors, as well as book publishers, prefer slides** because they're easy and quick to view and because the publishing world is set up to get the most from slides.

• **Most slide films can be easily pushed** (exposed at a higher ISO—Exposure Index, EI—and processed accordingly). So, if you only have ISO 200 film, but find that a faster shutter speed or smaller *f*-stop is needed, you can expose the film at EI 400 or 800 with good (but often more contrasty and grainier) results. Remember you have to shoot the whole roll at the same EI and tell the lab to push-process.

• **Storing and finding slides is relatively easy.** If you index your slides and keep them in archival slide sheets in hanging files in a cabinet, you'll have quick and easy access to all your images.

Print Film

Color print film (technically called color-negative film) has two main, and important, advantages over slide film:

• **Print film has great exposure latitude.** Your exposures can be farther off the mark and you'll often still get a good print. (These films tolerate overexposure better than underexposure.)

• **Print film records more tonal and color information than slide film**—almost twice as much detail from pure black to bright white. However, to access that information, you need to either have a custom print made or have the negative scanned for digital output.

The Right Film

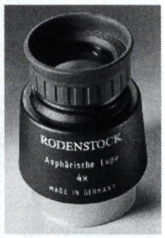
carrying a **variety of films**

Text And Photography By Rick Sammon

The test that'll knock you for a loupe.

Go to a Rodenstock dealer and put your loupe on one cross and a Rodenstock Aspheric loupe on the other. No curving or flickering lines with Rodenstock! Our 3X (6x6) and 4X (35mm) Aspheric Loupes are distortion free, eyestrain free and corner to corner tack-sharp.

Seeing accurately is believing. Are you willing to put your loupe on the line?



Now in 6X, too! (35mm)

RODENSTOCK
The world's greatest depth of quality.

HP Marketing Corp.
16 Chapin Rd., Pine Brook, NJ 07058, 973/808-9010
www.hpmarketingcorp.com email: info@hpmarketingcorp.com
In Canada: Kindermann, Inc. Markham, Ontario L3R3V8
▲ Circle No. 239 on Reader Service Card.

Choose The Right Film

Speaking of scanning, the digital darkroom has begun to change the way pictures are submitted to editors and art directors. Nowadays, digital files can even be submitted on CD or Zip disk. With this thought in mind, and if you know what you're doing when it comes to scanning and image enhancement, there's less of an arbitrary difference between slide and print films. You can choose the appropriate film for the subject and conditions.

Film Speeds

Slow—ISO 100 and below. Slow films (by today's standards) offer the finest grain, the highest resolution and the richest colors possible. As film speed increases, so does grain—usually. (One manufacturer's film may have more grain than another's at the same speed.) If you want to photograph landscapes or capture the fine detail of small subjects, shoot with slow film. Just remember that as the film speed decreases (ISO 100, 64, 50, 25), you may have to shoot at slower shutter speeds or wider apertures to get usable exposures.

Medium—ISO 200 to 400. By choosing a medium-speed film over a slow-speed film, you gain a bit of speed, yet grain, resolution and color all remain superb. Quite frankly, I don't use ISO 200 print film because I can't see a difference between prints made from this film and those made from ISO 400 films. However, I do use Kodak's E200 slide film because it's useful in low light and action situations, and because it pushes beautifully.

ISO 400 print films are outstanding and can give you the needed speed for capturing action and for using slower zoom lenses. They've become a standard for sports photojournalists. If you haven't tried a 400-speed print film recently, you're in for a big surprise. Improvements in color technology and grain structure have made these films a great choice for all-around photographic use.

Fast—ISO 800 and greater. If you're in a Buddhist monastery in Nepal photographing monks lighting candles (as I was), or if you're at home watching your kid blow out candles on a birthday cake (as I do every year), you need a fast film to record your subject in low light. Fast films can also be very helpful for freezing sports and wildlife action. Those same improvements in color technology and grain structure found in 400-speed films have made fast films better than ever.

Sure, fast films have more grain than slower film, but here are some points to consider about grain:

- If a picture is so boring that the grain dominates it, the picture might not be worth taking.
- Grain can actually enhance some scenes, as illustrated by the artistic work of many fashion and fine-art photographers. You might be pleasantly surprised with the mood it creates.
- You can reduce the grain in a scanned image using image-processing software

Each manufacturer offers a variety of choices, each with its own characteristics. Making the photo of the statue and prayer flags at the Monkey Temple in Kathmandu (opposite), Sammon relied on the extra exposure latitude that print film offers. For the Bouddhanath Stupa (left), he chose 100-speed slide film because it provides added color saturation.

TEMPLE: Canon EOS 3, Canon 70-210mm, Kodak Royal Gold 100; STUPA: Canon EOS 3, Canon 70-210mm, Kodak Elite Chrome Extra Color 100

Turn your desk, chair, car, tree, gate or virtually anything into a tripod. Lightweight, rugged SLIK ClampPod™ holds compact digital and 35mm cameras, camcorders, flashes, scopes and more, while its flexible 12" arm and locking ball-joint head easily adjust for hands-free operation.

SLIK®

SUPPORTING THE ART OF IMAGE MAKING
SLIK DIVISION OF TOCAD AMERICA, INC.
300 Webro Road • Parsippany, NJ 07054
TEL: 973 428-9800 • FAX: 973 887-2438
www.tocad.com

▲ Circle No. 147 on Reader Service Card.

If you don't carry an ultra-light, super-strong SLIK Unipod, when that once-in-a-lifetime shot appears you won't have a leg to stand on. They are the best way to have greater mobility for fast-moving action shots that are tripod-steady without a tripod. Four unimodels with more features than you can shake a stick at.

SLIK®

SUPPORTING THE ART OF IMAGE MAKING
SLIK DIVISION OF TOCAD AMERICA, INC.
300 Webro Road • Parsippany, NJ 07054
TEL: 973 428-9800 • FAX: 973 887-2438
http://www.tocad.com

▲ Circle No. 250 on Reader Service Card.

Great Slides From Print Film!

Believe it or not...color print films will give you **better slides than slide films.** They have 4x the latitude of "chrome" film for nearly "goof-proof" exposures.

Our special 35mm process gives you slides...or prints... or both from the same roll! *Plus,* negs for enlargements.

See for yourself with this risk-free test! Just call (800) 327-1776. We'll send you processing mailers and a **coupon to get your first roll developed at 50% off.** Shoot a roll of your favorite color print film (Kodacolor, Fujicolor, etc.) and send it back to us for processing.*

If you are not completely satisfied, call us Toll Free for a cheerful refund!

*Regular developing prices: Slides only $7.50/24 exp.; $8.50/36 exp. Slides and 4" x 6" prints are $12.75/24 exp.; $16.75/36 exp. Add $1.45 postage/handling per roll for First Class Mail delivery to your home or office. Price includes a fresh replacement roll of our 9100 (ISO 100) or 9400 (ISO 400) film. *Liability limited to replacement with an equivalent amount of unexposed film and processing.*

DALE LABORATORIES
2960 Simms Street
Hollywood, FL 33020-1579

▲ Circle No. 269 on Reader Service Card.

Made in Bavaria, where optical precision is religion. Heliopan filters.

Heliopan makes the world's finest filters. Get the widest selection of sizes and types: polarizers, digital, video, graduated, Zeiss Softars, wide angle, and more. Available without climbing Bavarian mountains!

*not on slim polarizers **on polarizers
***SH-MC multicoating avail. on selected filters

HP Marketing Corp.
16 Chapin Rd. Pine Brook, NJ 07058, 973/808-9010
www.hpmarketingcorp.com
email: info@hpmarketingcorp.com.

heliopan
The perfect filters for perfectionists.

▲ Circle No. 270 on Reader Service Card.

The Right Film

by going to the individual color channels and applying a blur to the blue channel, where most grain is found.

Extra Color Or No Color

Most nature and wildlife photographers love colorful photographs, as do editors and readers of nature and wildlife magazines. Some shooters use warming filters or special color-enhancing filters to make their pictures pop with color. That said, if you want a slide with additional color saturation, try one of the new extra color or very saturated slide films offered by all the major film manufacturers. Just remember that these films aren't recommended for people photography because they can make skin tones look garish. They also tend to be very contrasty films, so you may not like them in every situation.

New chromogenic black-and-white films based on color technology that can be processed in C-41 chemistry at one-hour and other photo labs have caused a resurgence in black-and-white photography. If you haven't used black-and-white film recently, pick up a roll (Ilford XP-2, Kodak T400CN and Kodak Select Black-and-White) and you're sure to be surprised by the ease of use and quality of the resulting images. OP

Slides Or Prints?

So you don't know whether it's better to shoot slides or prints? Here's another option to consider. Dale Laboratories, a direct-mail photo lab in Hollywood, Fla., has a special process for print shooters. When you send in a roll of 35mm color print film for processing, you have the option of receiving both slides and prints. You can even select the service after exposing the roll. The advantages of this process include:

- Greater exposure latitude. With the Dale process, you can shoot anywhere from one stop under to three stops over the recommended exposure and still get good slides.
- Color negatives are always included for making enlargements or reprints.
- Lower film costs for print film (as opposed to slide film).
- Free replacement film when you use Dale's service.

Check out Dale Laboratories' Web site at www.dalelabs.com.

learn professional photography at home from the new york institute of photography

The desire to make a close-up picture of an insect or other small object is common to many photographers using a single lens reflex camera. At NYI, we see lots of student photos of bugs, spiders and small creepy creatures of all sorts. Truth be told, these are hard subjects to make into dramatic photographs. **NYI Student Kevin McDaniels** produced this award-winning photo by following **NYI's Three Guidelines for Great Photographs.**

Kevin made sure his **subject** was the center of attention in his photograph. He **focused the viewer's attention** on the subject by making the insect large in the frame. The color contrast—the white and light gray of the subject against the **bright red flower petals** adds punch and extra emphasis to the photo. By coming in close, Kevin **removed any distracting elements** that might take the viewer's eye from the subject.

At NYI, we stress planning each photo to make sure that the Three Guidelines enhance the subject. Kevin had the equipment—he used a 100mm macro lens to take this photograph—but it's **the photographer's eye that sees the image.** Only then can the camera capture it.

Kevin, like every NYI student, had the benefit of **steady feedback and encouragement** from his NYI instructor during his training. **Can we make you into the photographer you want to be?** Can you profit from an aptitude that comes naturally?

Make your dreams a reality. What are you waiting for?

Send for the NYI catalog and find out how we can help you realize your dreams! **Getting started is a snap.** Don't delay. **CALL 1-800-336-NYIP** Toll Free or return the attached coupon now to get complete **FREE** information.

NYI Student Kevin McDaniels

Visit the best How-To Photography Site on the Web!
www.nyip.com

We **guarantee** you'll be a **better photographer!**

Join the **millions** of visitors at **www.nyip.com**

Have you ever dreamed of **seeing your photos** in a national magazine?

Or **earning income** in your spare time?

Or starting a **new full-time career?**

Or simply **becoming the best photographer** you can be?

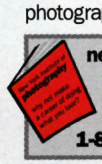
Why not profit from an aptitude that comes naturally? If you love photography you can make it all happen—**at home, in your spare time**—with the training and inspiration of NYI's world-renowned home-study program in professional photography.

Step-by-step training at your own pace. NYI's beautifully illustrated, easy-to-follow lessons come to you by mail. But you don't just read them. You listen to lively audiocassettes that guide you step-by-step from basics through advanced techniques including sports, travel, glamour, portraits — even video. It's like having the world's most patient teachers at your side!

Enroll by Phone: 1-212-867-8260

Training on videotape too! Many people learn best by watching. With NYI's copyrighted "Live-Action" videotapes, you sit back and watch the pros in action. You see what they do—and you are taught how to use the same techniques.

That's only the beginning. Best of all, you learn by doing. You take your own photographs, and send them to the school for personal feedback and evaluation on audiocassette. You get specific suggestions and learn **"tricks-of-the-trade"** that enable you to make your photos totally professional. There is, quite simply, **no finer course anywhere.** Our years of experience, **low tuition** and thousands of successful graduates—plus our **full money-back guarantee**—are proof that NYI's remarkable distance training course can make you too into the photographer you want to be!



new tips on photography every month
www.nyip.com
For **free catalog** visit the web, or call toll-free **1-800-336-NYIP** or return coupon today!

"I kept looking at your ads...and finally enrolled. After just six months **I've already grossed over $24,000!** Only my wife and my banker know how happy the NYI Course has made me"
–C. Ross Perry *Calgary, ALTA*

Attention Outdoor Photographer Readers!

Call now, 1-800-336-NYIP or return this coupon and receive a

BONUS DISCOUNT CERTIFICATE

new york institute of **photography**
Dept. U500, 211 E 43rd Street, New York NY 10017

- ❑ YES, please rush me, with no obligation, my FREE CAREER GUIDE and CATALOG describing the NYI Home Study Program in Professional Photography.
- ❑ Under 18, check here for special information.

name: _____
(please print)

address: _____

city/state/zip: _____

e-mail: (optional) _____

founded 1910 – licensed by New York State Dept. of Education

Shooting in the dark, wet conditions under the forest canopy can yield great photographs when you know how to do it

Text And Photography By Brad Wrobleski

The Challenge

What surprises me most are the sounds. The streaming, shrill chorus of the six o'clock cicada pulls my mind from its wanderings. I glance at my watch: 6:01 p.m.—bang on. As the Earth rolls us into equatorial night, the forest swells in a symphony of song. The musicians of this nocturnal concert are a myriad of insects and animals—a cast of thousands, some of them not yet defined by science. Their many arias feed my imagination and fascination with this place.

Photography in the deep dark of a forest is challenging. On a recent adventure in Borneo, I faced a number of difficulties with my gear. This particular excursion took me into a tropical rain forest, but the same challenges apply to most forests. You'll be photographing in low light and often in high humidity. Keeping your camera and film functioning requires some attention to keep everything dry.

Within the first hour of being in the rain forest, my entire perspective changes. The torrent of rain pounds

Of The Forest

down so hard it pierces my umbrella. I move with caution in the night blackness to keep from sliding off the mucky trail. After only a few minutes into the hike, I feel a wiggling sensation. I pull off my headlamp and shine its beam between my soaked shirt and saturated skin.

The rain forest is heat and humidity. Sweat and condensation. As I'm used to cold, hostile environments, I expected the rain forest to be a calm, gentle place to shoot, sort of like the beach with trees. Wrong.

In mountain photography, the hazards come fast and furious—blizzards, falling rocks, avalanches. In the rain forest, the devastation comes in a slow, humid dissolve.

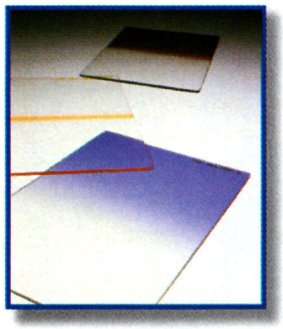
One day, after four hours of shooting in the rain, my flash dies and my lenses are moldy—on the inside! The next day, the focus on my automatic camera quits working. The humidity is taking such a toll on my gear that at any moment I expect the camera's computer-driven display to read "Morning, Brad, how are you?" instead of 250/F8. Rain, mud, condensation, perspiration—it's so wet in the rain forest at times I think an underwater camera might work better.

Most forests are rife with visual confusion, thick with vines, random branches, ferns and giant trees, making for autofocus chaos. Manual works best. The darkness of the rain forest dictates my shooting style—slow shutter speeds, pushing film and lots of flash help to get things onto film but make for a creative, yet restrictive situation. My trusty manual body gets me through.

One great thing about shooting in a forest is the constant activity of the wildlife. After the birds and other diurnal wildlife call it a day and go to sleep, a vast array of night creatures comes out. In the Borneo rain forest, there are horned toads, glowing fungus and tree frogs. So, despite the time of day, there's always something to shoot.

While I spoon in another mouthful of dinner, someone runs into camp, yelling, "A Sumatran pit viper is crossing the road." Next thing I know, I'm walking around in tall grass, in the dark, looking to photograph one of the most

LEE Filters
New Graduates!



Twilight Set

LEE Filters has added four new filter sets to its line of introductory resin sets: The Sunset, Sunrise, Landscape, and Twilight Sets. With the introduction of the four sets, *LEE* is premiering new colors which are designed for specific shooting situations.

Twilight Set:
Twilight*
Mahogany #3*
Pale Coral Stripe*

Landscape Set:
Sepia #2
Real Blue #2*
Straw #2*

Sunrise Set:
Mahogany #1*
Straw #2*
Straw Stripe*

Sunset Set:
Sunset Red*
Sunset Orange*
Sunset Yellow*

**new colors*

The Foundation Kit

filter holder was designed for professionals who need versatility and simplicity. It can attach to virtually any lens and accepts 4" x 4" and 4" x 6" filters. With the *LEE* system there is no need to buy the same filter in different sizes.

- Snaps on and off camera easily
- Gel, 2mm and 4mm thick filters can be used in a configuration you design
- Filters can be shifted and rotated for precise alignment
- A variety of lens hoods are available

Call or write for the location of a dealer near you.

US Headquarters:
2237 North Hollywood Way, Burbank, CA 91505

Other North American Offices:
Teterboro, NJ, Toronto, Ontario

International Office:
Andover, Hampshire, England

1-800-576-5055
Fax: 1-818-238-1228

LEE Filters
A division of Panavision International, L.P.

Forests aren't the easiest places in the world to take photographs. Knowing how to keep your gear safe and protected from the elements is key to bringing home good photographs. Under the forest canopy, it tends to be pretty dark, and the humidity can be high. However, it's well worth the effort because, as Brad Wrobleski shows us here, there are amazing images to be found in these mysterious locales.

ALL IMAGES: Nikon FM2, Nikkor lenses, Kodak E100VS

poisonous snakes in the world. Realizing I'm about to become poster boy for Darwin's Natural Selection theory, I flee.

There's always a lot of wildlife living in the forest canopy, and one of the best ways to see it is to climb a tree. As we scout a good location, my assistant, Hans, leads our ascent. Nearing halfway, the branches to his left snap and crash in an explosion of green. A bird of prey scoops an animal from the branches. Cool! After three hours of work, Hans makes it to the first branches up an 80-meter dipterocarp, swaying in the breeze. We shimmy up the rope after him and soak in the view. Hornbills, red-leaf monkeys, long-tailed macaques, dead-leaf butterflies and giant stick insects

10 Tips
FOR SHOOTING IN FORESTS

1 Keep your photo gear dry. Carry a small towel to wipe down any moisture on the outside of your camera and lens barrel.

2 Keep the lens clean. You can use an inexpensive clear or skylight filter on your lens while you're composing and moving around. Then, when you're set, take it off for the sharpest and clearest photos. The filter will keep your lens safe from errant drops of dew and also bumps into vegetation. Also, use a lens shade or lens hood to keep anything from banging into the front of your lens.

3 Use a dry bag or dry box for your film. You want to minimize the chance of condensation on your film before you put it into the camera. Keep film in the airtight packaging as long as possible. Also, you can store film in an airtight box that has a desiccant to keep humidity to a minimum.

4 Experiment with faster print film. Under the forest canopy, things can be pretty dark. Try using ISO 400 or even ISO 800 print film. It has much more latitude than slide film, and the extra stops will be very helpful if you need a faster shutter speed to freeze a critter's motion.

5 Use a tripod. Whenever possible, use a tripod to steady your camera. You'll need it for the very slow shutter speeds often required in low light.

6 Slow down. Forests are teeming with life. The sound of a human traipsing through can cause the animals to scurry and hide. By slowing down, you'll stand a great chance of seeing and photographing the more elusive forest dwellers.

7 Use your flash. Many of the subtle and muted colors under a forest

make up the viewing roster. This place is a nature photographer's heaven!

That night, in search of nocturnal subjects, we go for a drive in the darkness. There are so many sounds in the night. At one point, we pass a bug known as a siren beetle—the screech is louder than my smoke detector. I cover my ears. Hard to believe it's only the size of a quarter. A few minutes later we stumble on a pill millipede—a big, fat, thousand-legged bug that curls into a perfect ball when touched. It's one of our favorites.

Our guide walks covertly in front, scanning the forest with a high-powered spotlight. His trained vision picks out a set of red eyes hidden in the blackness. At night, the forest is alive with life: pangolins, tarsiers, tree frogs, sun bears, civets, horned toads and enough insects to make an entomologist drool. I crawl in the wet earth to try and get a shot of a rare Bornean horned toad.

The next morning, we awaken at 3 a.m. and drive to an observation tower high overlooking the entire valley. With lenses poised, we wait for the sun. As I stare out over the web of life, I'm in awe with the thought of what we've seen and experienced.

Despite the rain, the leeches and the bugs, I've never been to a place so fascinating and endless in possibility. OP

*To see more of **Brad Wrobleski**'s work visit his Web site at www.wrobleski.com.*

canopy can be difficult to capture well on film. Try using your flash (either a built-in, pop-up type or an accessory flash) to really make the colors pop. This will also help isolate many plants from their surroundings.

8 Carry plastic bags and rubber bands. In a pinch, you can cover your gear very quickly and keep everything dry. Also, you can kneel on a plastic bag if the ground is a bit damp.

9 Use a wide-angle lens to help you get close to a subject and reduce the effect of the hazy atmosphere in the forest.

10 Look up. A huge amount of the life in a forest is found in the branches and canopy above. Don't forget to look up, and you'll find some great photo ops.

OP ON THE WEB
WWW.OUTDOORPHOTOGRAPHER.COM
See: "Get The Wet Out" (Nov. '99)

Photo Backpacks & Hip Packs

tamrac EXTREME SERIES

Modular Accessory System

Super Deep Rain Flaps keep water out even in heavy rains.

Model 787 shown with optional Side Pocket, Water Bottle in Carrier and Medium Accessory Pocket from Tamrac's **Modular Accessory System M.A.S.**

QuickClip™ Tripod attachment System allows most professional tripods to be attached quickly and carried safely, centered and balanced in the front of the pack.

787 Extreme Super Photo Backpack.

Tamrac's Extreme Series sets a new standard in high performance camera carrying systems. PowerGrid™ materials with extraordinary tear strength, combined with new innovative features make these action oriented camera bags the new "State Of The Art". All are fully compatible with our exclusive **M.A.S.™ Modular Accessory System*** allowing you to customize and expand your carrying system. See these among our more than 70 models to choose from.

Call for Free 60 page Color Catalog.

1-800-662-0717
Dept. OP

707 Half Moon Hip Pack

*All MAS Accessories Sold Separately.

MBX370 Modular Accessory Belt

MX375 Lens Case

MX398 Water Bottle in Carrier

MX382 Accessory Pocket

MX378 Lens Case

519 Pro Zoom Pak

©Tamrac, Inc.

Tamrac, Inc., 9240 Jordan Ave.
Chatsworth, CA 91311
www.tamrac.com

tamrac®

▲ Circle No. 247 on Reader Service Card.

LEARN web photo school
webphotoschool.com
ON-LINE

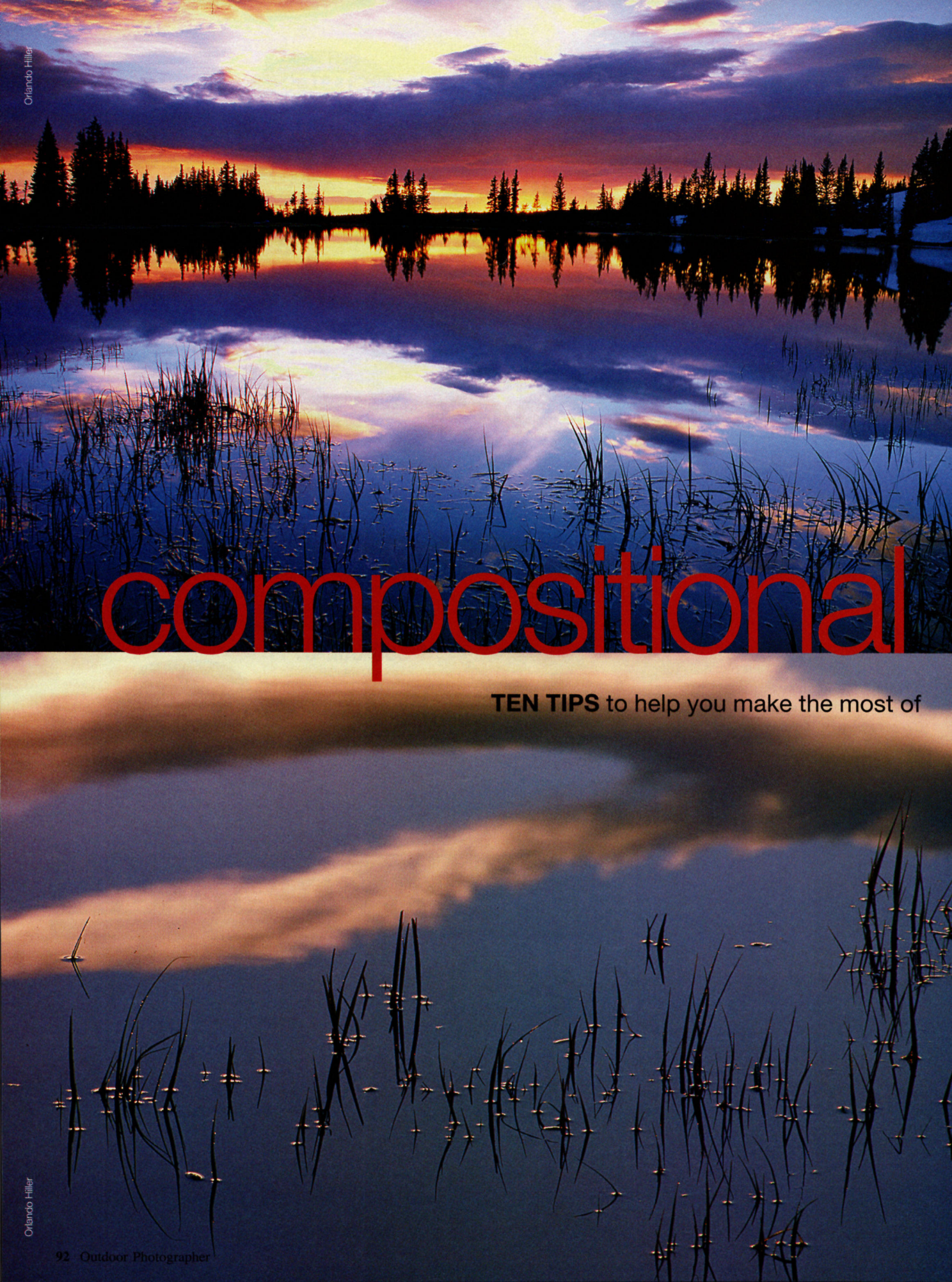
▲ Circle No. 155 on Reader Service Card.

NSCS Pro & NSCS Pro2
the ultimate software for

Slide captioning and labeling
Picture cataloging & filing
Stock photo management
Submission tracking & pricing
Delivery memos and much more

Featuring:
Thumbnail imaging
Barcode & 7 other types of labels
Up to 6 lines of caption data/label
Powerful search features, including Boolean keywords
User selectable fonts & styles ***and much more. Rave reviews for user friendliness by hundreds of users worldwide***
NSCS Pro (without thumbnail imaging) - $149
NSCS Pro2 (with thumbnail imaging) - $189
Developed by author/photographer Boyd Norton.

Check out our website: www.nscspro.com or call: 303-674-3009



Orlando Hiller

compositional

TEN TIPS to help you make the most of

Orlando Hiller

bracketing

your favorite subjects

By Orlando Hiller / Photography By Orlando Hiller And Wayne Bennett

Most photographers understand the value of bracketing exposures. Not only does it provide exposure insurance, but it can also reveal subtle qualities not initially considered. Going with the "correct" exposure allows you one choice, and when you review the result on a light table, you may not like what you see. But if you only bring home one exposure, you don't have any options.

Thoughtful photographers can apply the notion of bracketing to composition, too. Rather than returning from a location with the one shot you think is the best image, you can produce different views of the scene and come away with lots of options. As Art Wolfe advises in *The Art of Photographing Nature* (Crown, 1993), "...it would be silly, in terms of your investment, to approach the subject from one point of view." Following are some suggestions for getting the most return on your investment.

Try Different Lenses

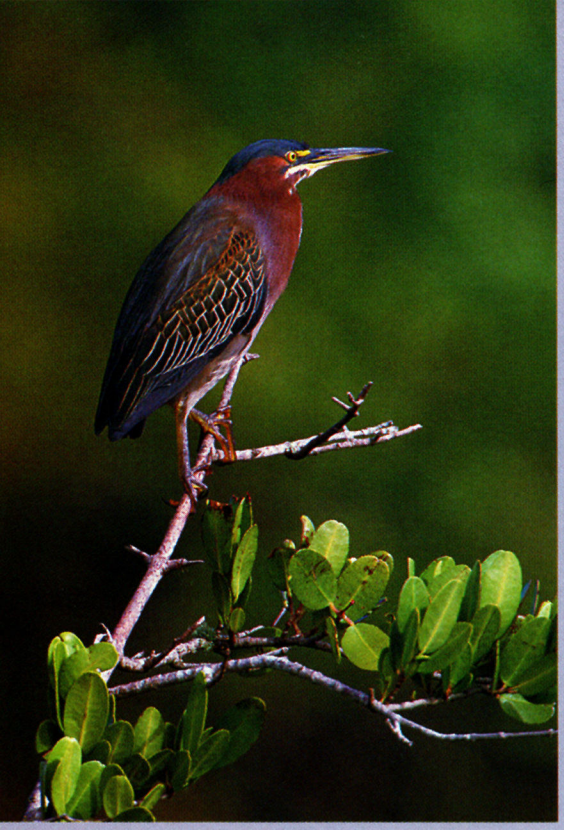
1 Some scenes cry out for particular focal lengths. By all means, make sure you get the shot, but don't become complacent. After you've captured a scene made just for that wide-angle, try a longer lens. The higher power compresses depth, which enables you to visually stack elements. You can also extract details from a relatively small area, creating entirely new images from the same scene. Zoom lenses offer the advantage of helping you compose many variations of a scene from one position.

ALL LAKE IMAGES: Nikon FM2, Nikkor 28mm, Nikkor 180mm ED, Fujichrome Velvia, Bogen 3023 tripod

Break The Rules

2 Fortunately, there are as many ways to frame a scene as you have the patience to discover. Once you've considered a classical approach (such as the rule of thirds), explore another arrangement. Investigate the subject until you can see a number of additional images in your mind. Avoid compositional rigidity—even if it means breaking the rules.

One morning, I spent an hour in bone-chilling temperatures trying to capture heavy frost on a tree. I tried a close-up of the frost on the branches, but decided it didn't convey the frozen stillness of the scene. I then backed up to include the base of the trunk and the yellow grass in the foreground, and placed the tree in the center of the frame. This position is usually considered too static, but it perfectly conveyed the stillness of that winter morning.

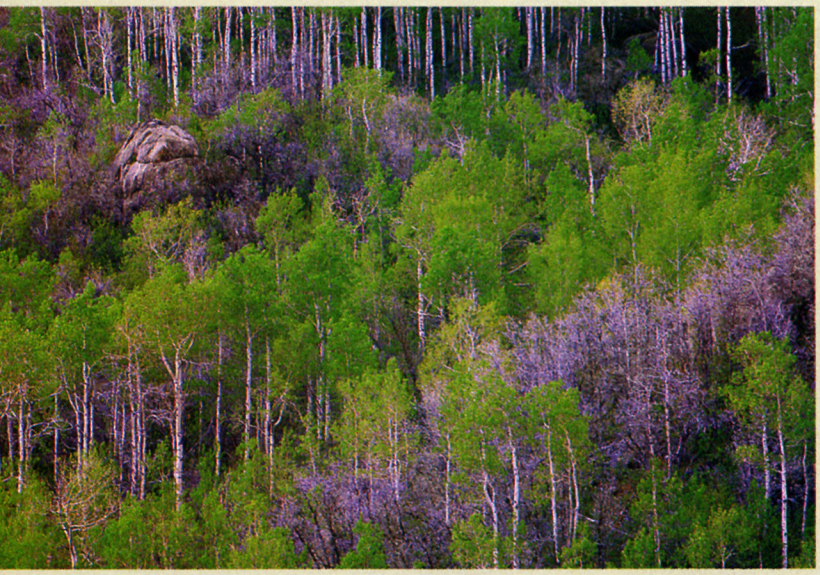


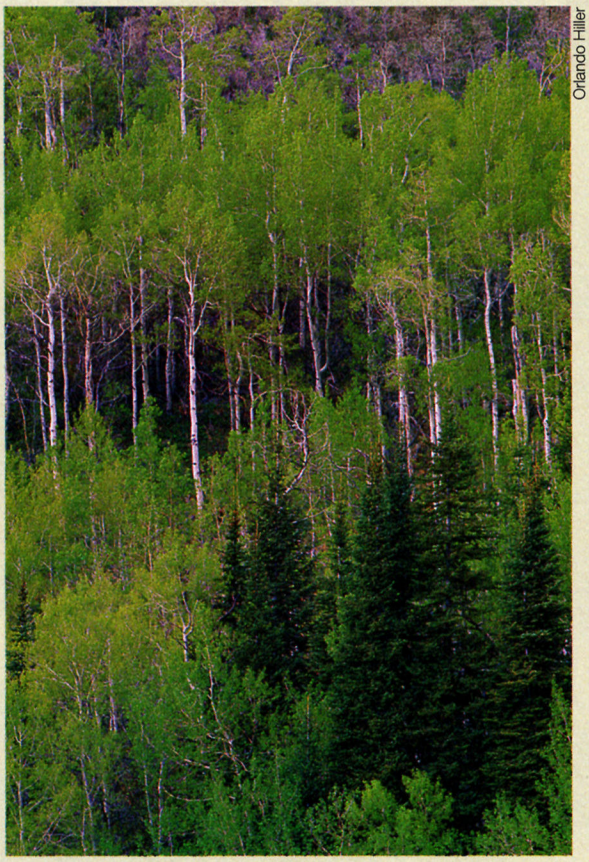
Watch The Background

3 It's always important to keep an eye on the background because subtle changes can make or break a picture. Use those changes to your advantage. Slight adjustments in camera position can dramatically alter the background with little change to the subject's appearance. Changing lenses will also affect the look of your subject's environment.

BIRDS: Nikon F5, Nikkor 500mm *f*/4 AF, 2X teleconverter, Fujichrome Velvia, Gitzo tripod

Wayne Bennett



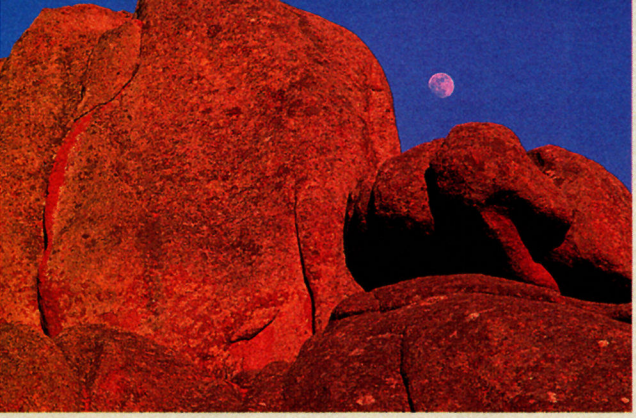


Orlando Hiller

Go Vertical

4 You needn't spend much time at your local film lab to notice that people take far more horizontal pictures than vertical ones. This may be due to the lateral arrangement of our eyes, making us perceive the world as horizontal. Even cameras are designed to operate most efficiently in the horizontal position. Make a conscious effort to try a vertical version of every subject you shoot horizontally. Sometimes they won't be as effective when compared to horizontals, but simply shooting this way will help train your eye to see differently. As a bonus, having images in both formats will increase your chances of making a sale. Editors appreciate variety, and some markets require a particular format.

ASPENS: Nikon FM2, Nikkor 180mm ED, Fujichrome Velvia, Bogen 3023 tripod



Orlando Hiller

VEDAUWOO ROCK AND MOON: Nikon FM2, 55mm Micro-Nikkor, Fujichrome Velvia, Bogen 3023 tripod
ROCK LICHEN: Nikon FM2, Nikkor 180mm ED, Fujichrome Velvia, Bogen 3023 tripod

See The Picture Within The Picture

5 Landscape photographers live for the rare moment when light and land converge to produce a spectacular vista. When this happens, we tend to shoot the grandest scene and ignore everything else. As a result, we often miss telling details—pictures within the big picture that are just as compelling. As I frame and shoot, I scan the scene for other possibilities. Looking for details in addition to the grand view helps add to our visual sense of place. It's like observing the subtle qualities of friends and loved ones, details that deepen your understanding and appreciation of them.

Practice, Practice, Practice

6 There's nothing more frustrating than fumbling with your camera's controls while the light goes from spectacular to uninteresting. If you know your camera like the back of your hand, you're free to think about ways to vary shots. Practice with your equipment until you can use it without diverting your attention from the scene before you.

On a rainy day in the Laramie Mountains, I caught a spectacular rainbow when the sun poked through a hole in the gloom. It lasted just long enough for me to shoot a few frames. As I rotated the camera for a vertical, the rainbow disappeared. Because I was familiar with my camera, I was able to capture variations of the scene before the right light disappeared.

Know Your Subject

7 The key to getting good shots is knowing where to be when the light is right. Arrive at your location early to scout multiple compositions. I drove through a storm to arrive at Colorado's Cameron Pass well before sunset so I could preview shots that would accentuate the impressive tooth-like crags while obscuring an ugly switchback road. As the afternoon thunderstorm began to clear and warm sunlight flooded the mountain, I made my first shot, isolating the crags against the turbulent sky. I then headed down the pass to a pine-covered hillside that blocked sight of the switchback while adding an extra element of depth to the scene.

Include Context

8 Composition rules almost invariably suggest isolating your photographic subjects. That's because many beginning photographers clutter the frame by including too many elements. Unfortunately, isolating the subject can remove important information about the circumstances of its existence.

I was impressed by the tenacity of a lone limber pine. Initially, I wanted to show the weathered bark and twisted form of this survivor, so I moved in close with a 28mm lens, filling the frame with its trunk and lower branches. I then moved back a few feet to include the harsh environment. The almost theatrical spotlighting on the tree made it stand out from the dark background, and it became an impressive image.

Change Your Point Of View

9 Sometimes, avoiding the obvious point of view can lead to unique photos. If you normally work from eye level, try shooting from ground level. If this becomes routine, try an aerial perspective. Another approach might be to compose a scene with a low, high or absent horizon line. If possible, move around the subject to see how changing light and a changing point of view affect its appearance. Just because photographs are limited to two dimensions doesn't mean you have to be. Move around as much as possible.

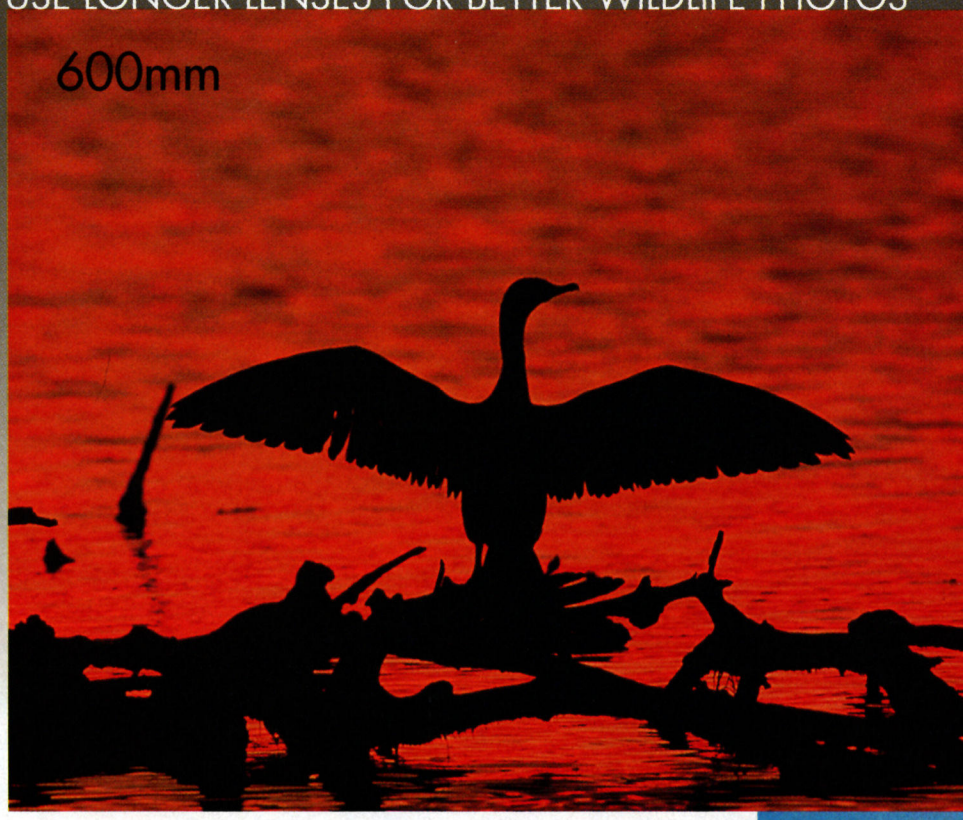
Come Back

10 If you find a promising location, return to it. Then return to it again. This may be the most important factor that separates professional photographers from amateurs. Professionals get a higher number of quality images because they realize the potential for a great shot and return when the light is right. The more you visit, the more you'll notice how much an area changes with the time of day, the weather and the seasons. Subtle changes in the direction of light can reveal compositional elements hidden from view on earlier visits, and you may discover that a scene will look best only at a certain time of year. **OP**

OP ON THE WEB
WWW.OUTDOORPHOTOGRAPHER.COM
See: "New Ways To Compositions" (March '99)

10 TELEPHO

USE LONGER LENSES FOR BETTER WILDLIFE PHOTOS



The first time I photographed great egrets dancing on a pond in the Florida Everglades, I imagined a symphony accompanying their rhythmic ballet. They skipped across the cool black water in a feverish feeding frenzy.

Around me I saw other photographers with longer telephoto lenses, and felt embarrassed to be holding a short 200mm lens. Realizing the wisdom of those photographers, I soon bought a 600mm.

Since then, I've had years of practice photographing birds with my long lenses, and have distilled what I've learned in these tips. Hopefully, they will help you make the most of your telephoto lenses, no matter what kind of wildlife captures your imagination.

1 USE A STURDY TRIPOD. Large telephoto lenses bring amazing details into view, but they require strong stabilization to work. Use a dependable tripod with a quality head (ballheads work particularly well since they're quick and easy to adjust). There's nothing worse than a shaky tripod; you should be able to lean on it and it shouldn't wobble. Once when trying to pack lightly for a trip to South America, I took along an old lightweight tripod. As I photographed flamingos beside a large lake, strong winds made the long lens vibrate. I tried to shoot between gusts, but the camera still shook. I finally lowered the legs as close to the ground as possible and tied some heavy camera gear to the center post to help stiffen the tripod (you can purchase weights specifically to help solidify your tripod). Some images turned out well, but others weren't so lucky. I've upgraded to a quality carbon-fiber tripod, which lowers the weight but maintains strength, so I won't have to worry about camera shake in the future.

2 BEAN BAG BRACES. Bean bags work well as a shooting platform in areas where a tripod isn't practical—like when you're shooting from a vehicle. On a monthlong trip to Africa, I used bean bags when shooting on top of a Jeep®. I'm thrilled with the images made from using one or two bean bags to support even the longest of my lenses. They're also great propped on an open windowsill or on the hood of a car.

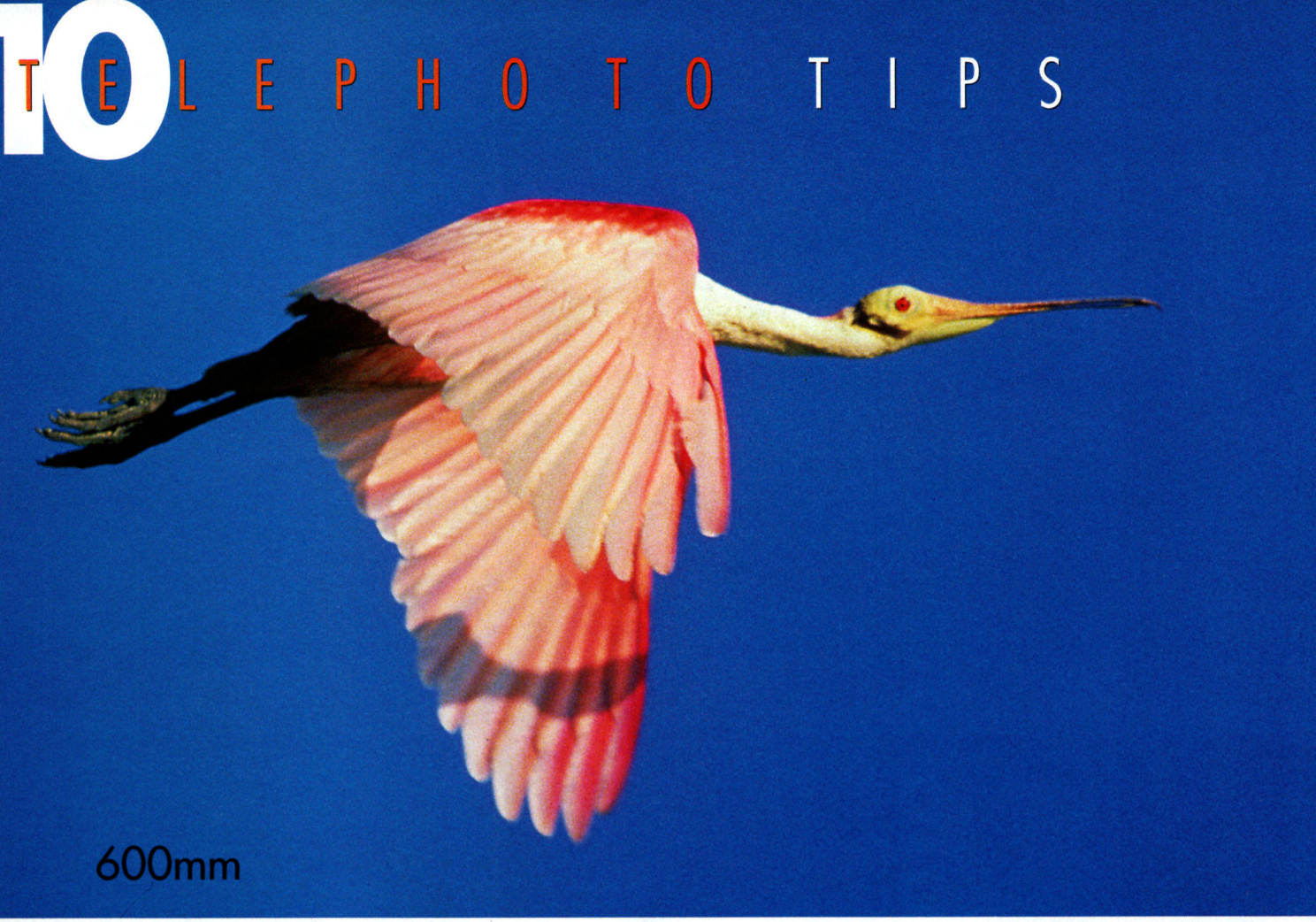
3 GET ON THE GROUND. If you absolutely have to get the shot, but you don't have a tripod or bean bag to keep your camera steady, don't be afraid to shoot on the ground. You can use anything around to prop up the camera or lift the lens a little higher to adjust your compositions and keep them steady. A backpack or jacket works well to give the camera some height and hold it still.

4 HANDHOLDING HELP. If your subject is running or flying, it's hard to keep the lens trained on it when the lens is stuck to a tripod. The magnification of an extra-long lens makes the task even tougher. My best flight shots have come from a 300mm or 400mm lens mounted on a shoulder-stock bracket. The setup works in the same manner as a rifle held at the shoulder and lets you shoot at a full stop (or even more) slower shutter speed. They're also particularly well-suited to use with new IS/VR lenses.

TO TIPS

Text And Photography By Janie Moore Greene

10 TELEPHOTO TIPS



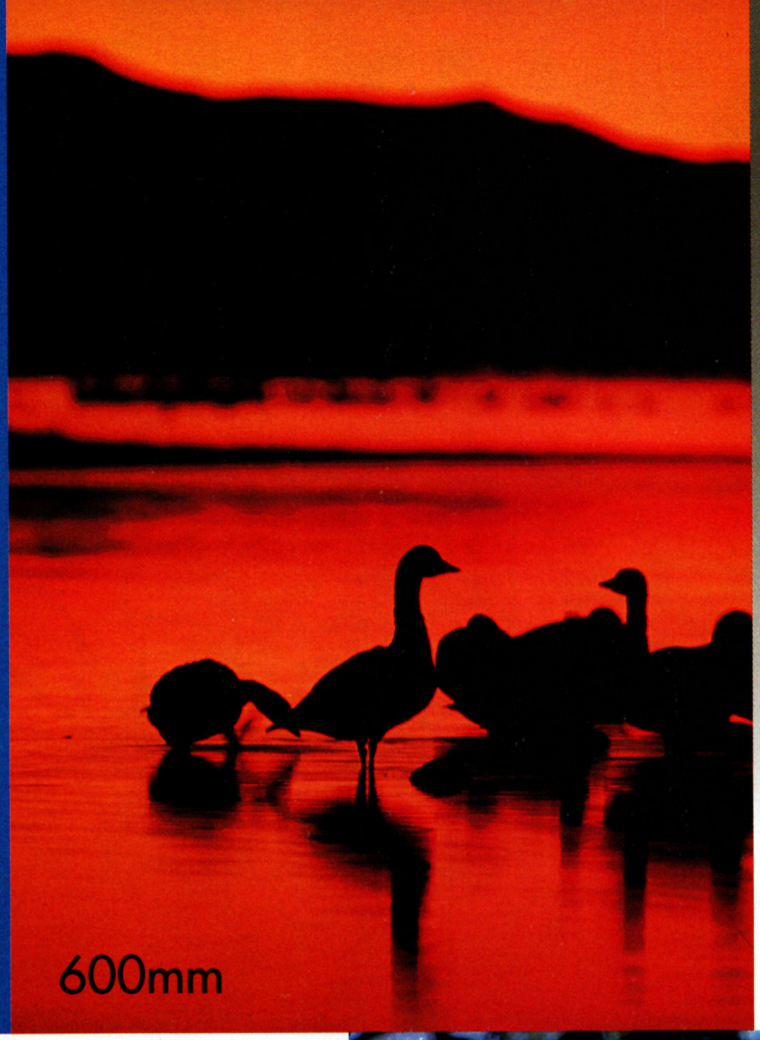
5 TRAVEL SMART. Transporting a 600mm *f*/4 lens can be a challenge, but great photos make the hassle worthwhile. Tamrac and LowePro make large wheeled bags specifically designed to hold a camera system with an extra-long lens. I've developed my own packing arrangement that works well, especially for air travel. I bought an Eagle Creek 14x20x7-inch wheeled bag to carry onboard. I place the hefty lens in a diagonal position in the bag and tuck cameras and small lenses (wrapped in soft foam padding) around the large lens. It fits easily in overhead compartments, so I can keep a watchful eye on it at all times.

6 FAST SHUTTER SPEEDS. One of my first shutter speed lessons was taught by a skinny horse and cart in Paraguay. I eagerly photographed the horse clopping down the street while the driver twirled his leather whip in the air. When the prints were developed, however, every one was blurry—I was shooting at less than 1/125 sec. Because camera shake is amplified with long lenses, it's important to use faster shutter speeds than you normally would with a shorter lens to avoid pictures ruined by camera shake. Remember this rule of thumb: With telephoto lenses, set the shutter speed no slower than the focal length of the lens (for example: 300mm = 1/300 sec.; 500mm = 1/500 sec.). Test your own handholding ability to see just how slow you can go.

7 TELECONVERTERS. No matter what or where I'm planning to photograph, I always carry 1.4X and 2X teleconverters ready to grab on a moment's notice. I'm constantly interchanging them to make my long lenses even longer. They're a great alternative to carrying another heavy lens, and they're small enough that you can take them anywhere. Just like filters, you should only use the best converters you can so you won't lessen image quality. Many manufacturers offer teleconverters specifically for their lenses. Keep in mind, though, that as lenses get longer, they demand more attention to details like stabilization and fast shutter speeds.

8 FASTER FILM. I've traditionally favored slow-speed transparency films like Fujichrome Velvia. But because faster shutter speeds are often necessary with long telephoto lenses, I sometimes need a faster film. Medium-speed slide films (ISO 100 to 200) offer added exposure latitude, tremendous sharpness and fine grain. These films still make great enlargements, so I use them frequently for early-morning and late-afternoon shots that require a little extra speed.

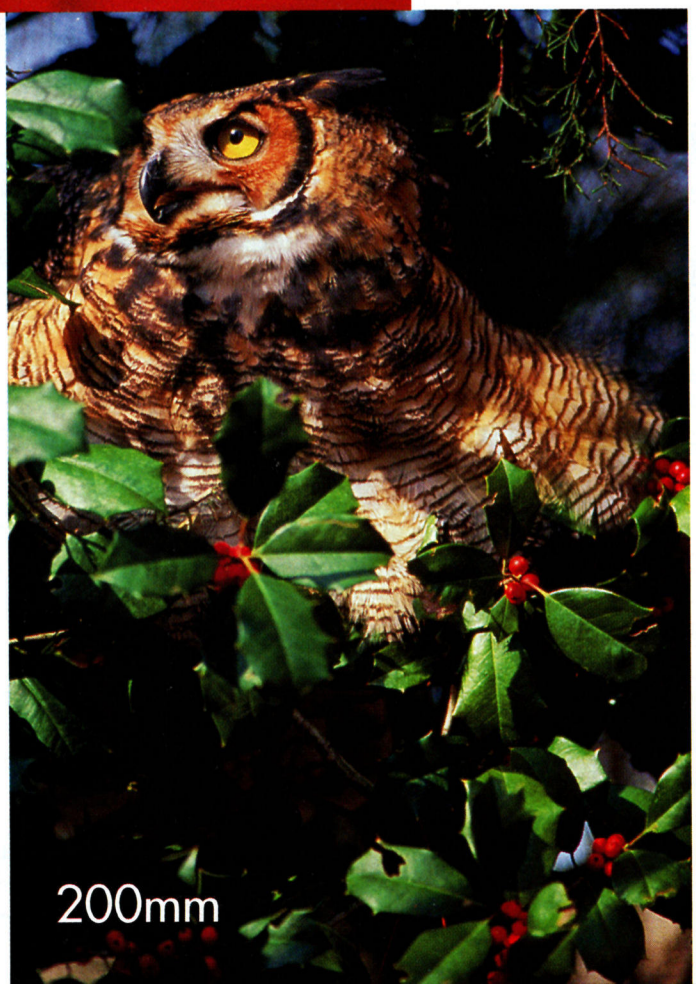
9 PRINT FILM. When photographing wildlife, where wonderful pictures can appear and disappear in moments, I don't always have enough time to bracket. Using faster print film (such as Kodak Royal Gold 400) provides a level of exposure insurance because of the film's additional exposure latitude that transparencies don't have. Technological improvements in modern print films provide great con-



Whether you're stopping action, capturing a subtle scene or going in for close-up portraits, extra-long telephoto lenses are very versatile when photographing wildlife. If a super-telephoto lens isn't practical to carry with you, teleconverters are a convenient and affordable way to get more from your medium lenses. ALL IMAGES: Minolta 9xi; BIRD SILHOUETTES: Minolta 600mm *f*/4, Fujichrome Provia, Gitzo tripod; PELICANS: Minolta 600mm *f*/4, Fujichrome Provia, Gitzo tripod; FLAMINGOS: Minolta 300mm *f*/2.8, 1.4X teleconverter, Fujichrome Provia; IBIS: Minolta 600mm *f*/4, Fujichrome Provia; OWL: Minolta 200mm *f*/2.8, 1.4X teleconverter, Fujichrome Provia, Gitzo tripod

trast and color saturation, so it's also easier to make enlargements for hanging on the wall.

10 PRACTICE, PRACTICE, PRACTICE. When I'm photographing in the solitude and beauty of nature, viewing amazing details through a powerful telephoto lens, the rhythm that comes from practice and knowledge takes over. Take time at home to test your equipment's ability. How sturdy is your tripod? How well can you handhold your long lenses? Understanding all of the factors that affect the quality of my bird photographs allows me to concentrate on good compositions and treat the subject in the best manner possible. Mostly, though, it frees me up to make sure that I'm having fun and feeling the joy in nature photography. **OP**



OP ON THE WEB
WWW.OUTDOORPHOTOGRAPHER.COM
See: "Extend Your Range" (Oct. '99)

off the beaten

Modern sport-utility vehicles give you a safe and easy way to get away from the crowds and into your own

I LOVE GETTING AWAY FROM PEOPLE. That doesn't mean I don't like people; I just love escaping the crowds, roads and other telltale signs of civilization. There are plenty of avenues open to all of us to get away for some great photograph-taking opportunities. A sport-utility vehicle (SUV) can make it very easy to get you and a plethora of bulky photo gear into an out-of-the-way locale. When used with proper care and concern for the environment, there's almost nothing better.

When I was a little boy, my family trekked to the Outer Banks of North Carolina in the summers. We had an old, four-wheel-drive SUV that we'd take onto the beach. The SUV was a little long in the tooth, and one day my father was a bit heavier on the clutch than he needed to be and he burned it out. There we were on this beautiful, expansive, white sand beach. No one around (granted, the Outer Banks is a little different now, but this was a long time ago). If the car hadn't been completely stranded, it would have been a perfect moment.

As it was, it was a bit scary. The tide was coming in and a storm was on its way. If we couldn't move the thing, we'd lose it to the ocean. I know you're on the edge of your seat with worry about what happened, so I'll jump to the end and tell you that the island had (indeed still has) a fantastic Coast Guard

path

corner of the outdoors

Text And Photography By Christopher Robinson

station, and they came to our rescue, towing us to safety. You can relax now.

You can get the most from your SUV when you combine thoughtful and responsible driving habits with some good, old-fashioned common sense. If you own a Jeep®, I heartily recommend attending a Jeep® Jamboree. These weekend outings will acquaint you with other off-road enthusiasts and offer a great opportunity to learn valuable techniques in a no-risk setting.

OPPOSITE: Get out! Get way out beyond the crowds and into terrain and scenery where you can get a fresh look at the landscape. You can do that safely and easily with a sports-utility vehicle by using fire roads, power-line trails and other means of access. ABOVE: You'll find hidden photographic opportunities that would otherwise be unaccessible, and learn how to handle your SUV on the trail with organizations like Jeep® Jamboree USA. They offer excursions around the country geared to teaching safety care for the environment and having fun.

ALL IMAGES: Pentax ZX-7, Pentax lenses, Kodak E100SW

off the beaten path

"In addition to getting you to great locations for making photographs, your SUV can be an excellent platform for shooting. Many wild animals will be wary of a person tramping about, but they quickly dismiss a vehicle. Essentially, your SUV becomes a blind. You can mount a window clamp or beanbag to steady the camera—not as steady as a tripod, but far better than handholding."

The point of that tale from my youth is that when you're inexperienced at off-roading and you're on your own, it's easy to get into real trouble. Nothing beats learning how to do things right with a group of supportive and experienced drivers. If you own a Jeep®, you can take advantage of the Jeep® Jamboree program. For other manufacturers, get in touch with your dealer to find out if the maker of your SUV has an organized program.

Recently, I had an opportunity to attend a Jeep® Jamboree in the historic town of Charlemont, Mass. There, in the picturesque Berkshires, I learned some of the subtle and not so subtle techniques of four-wheeling. The most important thing I learned is that one should never go out into the backcountry alone. Even in a solid vehicle, acci-

dents can happen, so take a friend.

The area around Charlemont is wonderfully scenic. Because part of being a responsible off-road driver is preserving, not destroying, the landscape, we stayed on old county roads, fire roads and high-tension, power-line trails. At no time were any of the participants off of a designated trail or road. Faced with breathtaking fall colors, we stopped often to get out and enjoy the view. I frequently stepped a few feet off the road to compose some quiet photographs.

One of the most important things I learned about heading off onto less hospitable roads is to take it slow. The silly commercials that feature a vehicle bouncing furiously across a wet meadow with mud flying may make for good marketing, but it's a bad way to drive. The landscape gets torn up, rutted and horribly damaged, and you stand a fairly good chance of damaging both the SUV and yourself.

If you approach an obstacle, before you just try to drive right over it, stop, get out and take a closer look. Sometimes a harmless-looking rock can become an extremely destructive object.

Water is never something to be trifled with. Have you ever seen news footage in a flood zone that showed a car stalled out in three-foot-deep water? That car will likely never run again. Once water gets into the engine, it's probably dead. Your SUV is better able to handle some water than most regular cars, but water that looks fairly shallow can turn out to be awfully deep. It's very deceptive. Stop, get out and check the depth all the way across. If you can go around, do so. If not, take it slow and easy.

In addition to getting you to great locations for making photographs, your SUV can be an excellent platform for shooting. Many wild animals will be wary of a person tramping about, but they quickly dismiss a vehicle. Essentially, your SUV becomes a blind. You can mount a window clamp or beanbag to steady the camera—not as steady as a tripod, but far better than handholding.

But that's what an off-road vehicle allows you to do—get into a place where you can enjoy the quiet peacefulness of nature away from the crowds and capture that beauty on film.

For more information about Jeep® Jamboree USA, contact: (530) 333-4777, jeepjamboreeusa.com. **OP**

A DIGITAL EVOLUTION!

Lumira

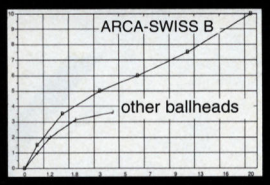
photo by Brit Ripley

Professional Photographers have trusted Fine Print for over 25 years to produce the best wholesale photographic prints available. Join us in setting *new* standards of creative and technical excellence with Lumira™ digital photographic prints!

FINEPRINT

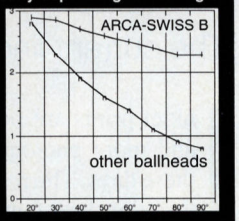
800.777.1141
www.fineprintimaging.com

ARCA-SWISS monoball B series



Load capacity

Load capacity depending on tilt angle



The ballheads with Unique Features

Aspherical Ball
Exerts a tightening pressure as the camera is tilted, the pressure releases as the camera is pulled back. Higher loads, up to 200 lbs.

Specially coated surface
Lubricant-free glide, works well in all climates.

Axial Clamping
Exerts equal pressure around the ball providing precise, straight camera guidance. Locks at the touch of the fingertips.

Independent Axis Controls
Designed with one ball inside the other allowing independent movements along the tilt and swing axis. (B2)

No wonder the patented Monoball has become a legend!

ARCA-SWISS INC.
Phone: 773 248-2513
Fax: 773 248-2774

ARCA SWISS

Your Complete Slide Show Source
Now Discover, Browse, Shop Online!

www.arion-usa.com Fast, Easy, Secure!

Make truly professional-looking slide shows. Even if you have never used a dissolver before, Arion can show you how simple it can be. Arion has been helping people just like you tell their stories since 1967.

Now you can purchase all your Arion slide presentation products over the web! It's fast and easy. Just log on to the Arion web site and you're almost there to a professional-looking slide show!

ARION

For more information and latest catalog: 1-800-328-0595
E-mail arion@arion-usa.com

▲ Circle No. 222 on Reader Service Card.

HP PhotoSmart P1100

YOUR BE

The current lineup of photographic inkjet printers gives photographers the control and quality

Inkjet prints are popping up in more and more photographers' portfolios these days. The reasons are simple—the prints look fantastic, we have control over the printing of our own images, and the photo-realistic printers are supremely quick, inexpensive and easy to use. Amazingly enough, inkjet printers continue to improve with each new generation. Don't forget that there are always people working behind the scenes to come up with longer-lasting inks and new kinds of papers.

The incredible inkjet technology can now produce prints that threaten the brilliance of continuous-tone images. All inkjet printers deliver unbelievably small droplets of ink directly onto paper incred-

Canon BJC-8200

Lexmark Photo Jetprinter 5770

Epson Stylus Photo 870

Canon BJC-8200

ST PRINTS

to make prints better than ever

Text And Photography By Graeme Fordyce

ibly precisely. The engineering behind how those droplets are arranged is what separates the manufacturers, for instance, HP's "drop-on-demand thermal inkjet printing," Epson's "drop-on-demand Advanced Micro Piezo inkjet technology," Canon's "Bubble Jet ink-on-demand" and Lexmark's "Precision Inkjet, Laser-Crafted" print head technology.

Where inkjet printers can exceed traditionally printed photos, though, is in the flexibility they offer you before you ever print. Combined with good scans and some inexpensive software, an inkjet printer gives you much more latitude as to the final look of your photo. The newest inkjet printers can produce a range of colors and tones so wide and

→ HP PhotoSmart P1100

→ Epson Stylus Photo 870

Photo-quality inkjet printers give you a chance to take complete control over your photos. The current models can create fantastic-looking images that are worthy of sharing with friends and displaying on your wall. The printers shown here are all specifically designed to be photo printers. They're optimized for making great images from a digital file. The differences between the images from the printers are highly subjective. Due to the process of printing a magazine, the images shown on these pages can only give you an approximation of how actual prints will look.
ALL IMAGES: Canon EOS Elan II, Canon lenses, Kodak E100SW

subtle that they can represent information captured by your film beyond what a normal lab can print (especially when you use techniques like scanning for highlights and shadows to layer for super-detailed final prints). It does take a lot of work to get your prints up to this level, but once they're there, your output options are limitless. Many pros have made the leap exclusively to digital output, and inkjets make up a large part of their photographic arsenals.

Having an inkjet printer in the home opens up lots of possibilities. For most of us, traditionally printing our own color film isn't a realistic proposition. Instead of turning over your precious film to a lab tech, you can be the ultimate stickler for quality control over your own images of nature and wildlife by doing everything yourself! You were the one standing in front of the mountains, you saw the rich colors in the rain forest. Why entrust a vast chunk of your photographic process to someone who's really not invested in the result? We've all had the experience of bringing home a print from the photo lab thinking, "It's just a hair too light," or "I'm sure the colors could have been matched closer to the slide."

Seeing your inkjet prints in a matter of minutes lets you experiment until you encroach on perfection, without costing an arm and a leg. And when you have the power to hack around and try different things on an image, the process of discovery continues instead of dropping off into the hurried hands of the local lab. Once you produce the print that matches your intent, the file remains intact to be reproduced exactly the same way as many times as you wish.

Also, you don't need to fuss with your original film every time you want to print. Scan once, and save versions of an image. Convert it to black-and-white, try some infrared effects, super-saturate it, print it slightly warm and slightly cold. Print a photo on watercolor paper, matte paper, then glossy paper, and see which you like best. Print onto transparency paper or canvas cloth. Have fun!

We all know that printing photos traditionally isn't cheap. Although ink and media costs do mount up, inkjet printers are still quite economical. You can get a terrific printer for well under $500. You can even use your printer in conjunction with traditional methods. Not sure if an image is really worth printing up? Make an inkjet print and put it up on the wall behind glass. If you still like the look of it in a month, it's worth taking to the service bureau. Why not quickly and easily fill a portfolio with your inkjet prints and shop them around local galleries? Or make up flyers and business cards using your own photos to advertise fine-art, limited-edition prints.

Decorate your working space with landscapes from recent holidays. A framed original inkjet print makes a thoughtful and unique gift, as well.

The big four printers we've worked with a lot are **Hewlett-Packard, Epson, Canon and Lexmark.** Evaluation of final results is subjective. What one photographer likes about one printer another may not care for, but regardless of preference each one of these companies makes machines that produce top-quality inkjet prints. Although fancy inks and media can't make a poorly exposed, processed or conceived photo look wonderful, inkjet printers can nail the colors and tones of a good shot. In the same manner that camera or film choice doesn't make the photographer, choosing an HP, Epson, Canon or Lexmark inkjet printer can't be an objective selection. The best approach is to check out lots of print samples, then dive right in with a purchase.

The goals of each photo-dedicated printer are quite similar: to give you the smoothest, richest, most vibrant print that will last the longest. **HP's PhotoSmart P1100** uses enhanced Color Layering Technology for excellent colors and tones and has a maximum 2400 x 1200 dpi resolution. If you like shooting your landscapes with a digital camera, you can print directly with CompactFlash and SmartMedia cards. Another handy feature of the Photo-Smart P1100 is that it has two paper trays, so you can put plain paper in one for routine printing and photo paper in the other for the serious stuff. List Price: $399.

Epson's brand new Stylus Photo 870 has a max resolution of 1440 x 720 dpi, and uses new six-color photo inks (CMYKcm), plus the black cartridge. This is a nice touch: You can print edge-to-edge, 4x6-inch photos, just like you get from a photo lab. The Stylus Photo 870 gets more interesting, though—when using its new 6-Color Photographic Inks and Premium Glossy Photo Paper, Epson claims lightfastness comparable to standard silver-halide photo lab color prints. Estimated Street Price: $299.

Canon's BJC-8200 is a quick-printing, easy-to-use unit that prints at an impressive max resolution of 1200 x 1200 dpi. A well thought-out feature is its intelligent ink tank system, which uses six color-separate tanks so you can replace each color individually as it runs out. Canon's extra-heavy Photo Paper Pro is beautiful—it's comprised of four layers to achieve better ink saturation and color vividness. List Price: $399.

Lexmark's Photo Jetprinter 5770 outputs at a high resolution of 1200 x 1200 dpi, 1.44 million pixels per inch for bright color and fine detail. It can read and print directly from CompactFlash and SmartMedia cards with the push of a button. List Price: $349.

There are a few things to remember in order to get the most out of your inkjet printer. Start with high-quality original photos and scans! If you don't have a film scanner, check out the option of having images scanned onto Photo CDs. You'll get a very wide tonal range that way. Either through trial and error or with color calibration software, work on getting your monitor calibrated with your printer. It can be laborious always having to guess about color. Read the inkjet printer manual and get to know the ins and outs of the printer driver. For printing photos, put all the driver settings to their highest-quality values. Dig through buttons and menus to find more options—sometimes there are special settings a step removed from the routine options. Print at an output resolution between 240 and 300 dpi.

Always use photo paper or film. The paper makes a huge difference. Experiment with a variety of papers, as well. You can get some great-looking results. And don't forget printer hygiene—keep those inkjets clean! Cover your printer when not in use to keep out dust. OP

Resources

Canon Computer Systems, Inc.
(800) OK-CANON
www.ccsi.canon.com

Epson
(800) GO-EPSON
www.epson.com

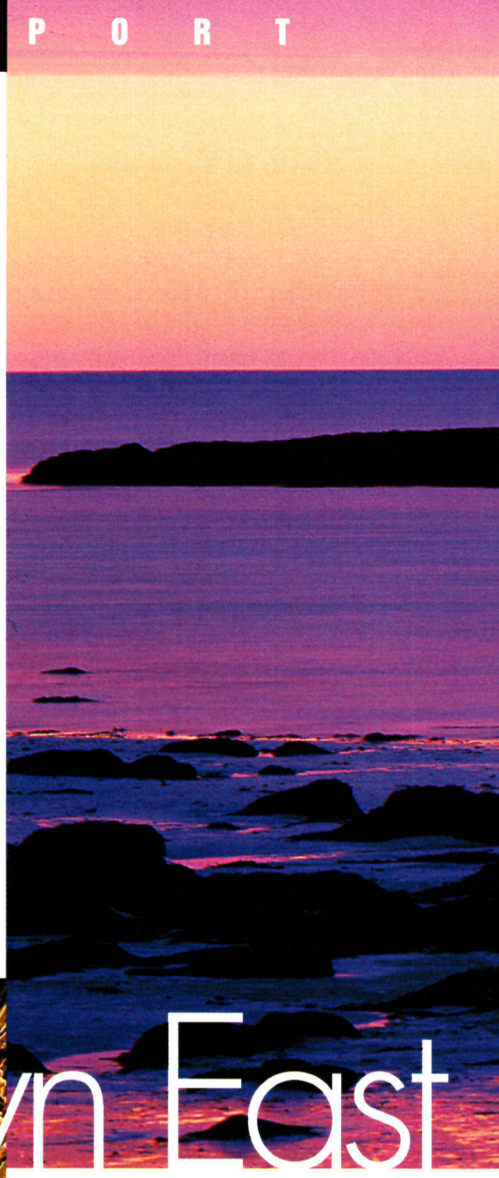
Hewlett-Packard
(800) 722-6538
www.hp.com

Lexmark
(800) LEXMARK
www.lexmark.com

OP ON THE WEB
WWW.OUTDOORPHOTOGRAPHER.COM
See: "Quick Steps To Computer Printing" (Jan/Feb '99)
For more information on computer printing, visit PCPhoto's website at www.pcphotomag.com

▲ Circle No. 153 on Reader Service Card.

8 x 12.....ONLY $5.50
Quantity Discounts Available
Write for our complete price sheet and postpaid mailers.
The Slideprinter
P.O. Box 9506V Denver, CO 80209



Down East

The new feature-packed **Mamiya 645AF's** medium-format image quality and an autofocus system turned disappointing weather into a photo opportunity

Text And Photography By Jerry And Marcy Monkman

With the coming of winter, I usually start dreaming of standing in my Sorels and Gore-Tex™ pants, snow up to my knees, my camera pointed at fluffy, unspoiled snow blanketing a perfectly lit New Hampshire landscape. Every year, I forget how fleeting these perfect winter landscapes really are, but this winter has been especially cruel to landscape photographers, as the region hasn't had a measurable snowfall as of January 12th. No shots of snow-covered boulders in rushing streams beneath craggy mountains and blue skies this year!

So what are a couple of scenic photographers in a snowless New England to do? Head to the coast, of course, where the early-morning clouds turn crimson, lighthouses provide the visual relief and the lack of snow is of no concern. Armed with the new Mamiya 645AF autofocus 6x4.5cm medium-format camera, we trekked to the New England coast.

The Mamiya 645AF fills a niche between the two formats, providing the automatic features of a 35mm camera combined with a medium-format-sized negative. Getting a chance to experiment with this new camera provided us with the inspiration we needed to get out and shoot during a time when we thought we'd be spending our days filing slides.

One January morning, we took the 645AF to Fort Foster in Kittery, Maine, where the Piscataqua River empties into the Atlantic. Not really knowing what to expect for sunrise, we were lazily walking the path toward the shoreline when the sky suddenly turned scarlet. Rushing to the beach, we found a park bench and the bare branches of a sumac tree silhouetted nicely against the eastern sky. Turning to our south, we noticed that Whaleback Light, standing guard in the mouth of the Piscataqua, was surrounded by pink sky and water.

The only way to capture both scenes, and to do them right in the short amount of time we had before the light changed, was to use all of the automatic features on the camera. The auto-bracketing and auto-winding made the shooting go much faster than is possible with our all-manual 6x7 camera, and without these features, we may not have brought back multiple versions of both scenes. As an added bonus, we had notes on all of our exposures by using a camera feature that will automatically superimpose date or exposure data right onto the film, outside of the image area.

The first thing I noticed when I started using the Mamiya 645AF was its solid, yet sleek construction. Its contours seemed modeled after a high-priced German car, as it felt comfortable to hold and its con-

Winter Blues

trols were easy to access in both the horizontal and vertical positions. It's much easier to work quickly, and thus more creatively, with this camera than is normal with medium-format.

Many of the 645AF's features are taken for granted by 35mm shooters, but medium-format photographers will appreciate the time saved while using auto-bracketing, auto-exposure lock and a built-in autowinder that allows shooting at up to 1.2 frames per second. Try to do that with a manual, film-cranking lever! 35mm shooters will find most of the controls to be intuitive, especially the exposure controls and the autofocus system, which is activated by depressing the shutter halfway. Both the autowinder and the autofocus features have very quiet motors.

Like most autofocus cameras, the 645AF has a continuous-focus mode and a single-focus mode. In single-focus mode, you can focus on your subject in the center of the frame and then recompose your picture, locking focus by continuing to hold down the shutter. The single-focus mode proved to be very helpful to us during low-light situations when critical focus was difficult to perform manually. When photographing wildlife, you'll find the continuous-focus mode to be extremely helpful while panning with moving subjects.

There are currently five autofocus lenses available for the 645AF: 45mm, 55mm, 80mm, 210mm and 300mm. Five more lenses will be available this summer, but Mamiya's manual-focus M645 lenses will also work with this camera (manual stop-down only). Focusing manually with the 645AF is made easier by the electronic focus mark that's visible in the viewfinder's LCD.

There are three choices for TTL metering with the 645AF: center-weighted averaging, spot meter and a combination of the two where the camera determines which mode to use. An "auto-exposure lock" button makes it easy to spot-meter on your subject and then recompose your photograph. Exposure modes include aperture priority, shutter priority, three program modes, and manual, T and X modes, with the aperture and shutter speed being controlled by separate dials accessed by the shooter's thumb and forefinger.

The 645AF has other electronic features, including a self-timer, a multiple exposure mode and a TTL flash system that works in any exposure mode. Also, you'll find the features that you'd

LEFT: Seaweed patterns, Rye, New Hampshire. ABOVE: Portsmouth Light, Newcastle, New Hampshire.

ALL IMAGES: Mamiya 645AF, Mamiya lenses, Fujichrome Velvia

ENJOY LARGE FORMAT PROFESSIONAL QUALITY AND PERFORMANCE WITH THE EASE AND SIMPLICITY OF A HAND-HELD CAMERA

Gran View

PORTABLE HAND-HELD LARGE-FORMAT CAMERAS

• VERSATILE • Interchangeable from sheet film to roll film. Accepts 4x5 sheet film, ready-load and polaroid film backs as well as roll film adapters. Accepts most 4x5 lenses.

PORTABLE • LIGHTWEIGHT • RUGGED
Less than 3 lbs. Unique body design and impact-resistant ploymer materials enable Gran-View to perform in demanding situations such as aerial photography and remote locations. Ideal for landscapes.

$995.00

Gran View Camera

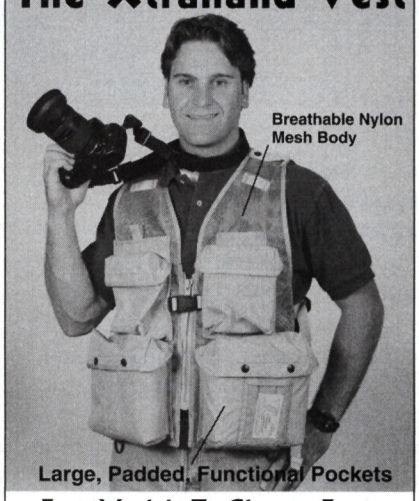
Tele: (760) 674-8994 Fax: (760) 837-9876

NEW 6x12 roll film / 4x5 Camera
NEW 8x10 Camera

www.granview.com
Design pat.# 382,578. Other pats. pend.

▲ Circle No. 157 on Reader Service Card.

The Xtrahand Vest



Four Models To Choose From
Custom Build Any Size or Pocket
Eight Colors To choose From
35mm / Medium format / Video
Super Durable / Made in the USA
Order Direct From Manufacturer

Vests From $169.95

For Free Brochure Call, Fax or Write:

The Vested Interest
1425 Century #100
Carrollton, Texas 75006
(972)245-4256 Fax (972)245-0598
Visit our website www.vestedinterest.com

Mamiya 645 Specifications

Camera Type: medium-format (6x4.5cm) SLR
Lens Mount: Mamiya 645 AF (M645 mount can be used)
Focusing: TTL auto and manual
Focus Screen: Interchangeable, Matte (standard), Checker and Micro Prism C for non-AF lenses
Exposure Metering: TTL center-weighted averaging, spot and variable ratio
Exposure Modes: Program AE, Aperture priority AE, Shutter priority AE, manual, X and T modes
Exposure Compensation: ±3 EV in ⅓-steps
Shutter Speeds: Electronically controlled 4 to 1/4000 sec. AE, 30 to 1/4000 sec. manual, plus Bulb
Film Speeds: ISO 25 to 6400
Viewfinder: SLR-type fixed prism finder; shows 94% of the frame
Viewfinder Display: Focus display, out-of-focus direction mark, aperture, shutter speed, metering mode, battery ready, AE lock, exposure compensation,
Flash Exposure: TTL direct metering; supports Metz SCA 3000 system
Flash Sync: 1/125 sec.
Depth-Of-Field Preview: Yes
Film Loading And Transport: Automatic transport (built-in motor)
Self-Timer: Three to 60 sec.
Power Source: Six AA batteries
Dimensions: 6.0x5.0x7.2-inches
Weight: 3.8 pounds (61 ounces)
Est. Street Price: $2,649 (body only)
Contact: Mamiya, (914) 347-3300, www.mamiya.com

expect from a high-quality manufacturer such as Mamiya: mirror lock-up, depth-of-field preview, exposure compensation and interchangeable backs. Perhaps most importantly, the new AF lenses proved to be just as top-of-the-line as their manual counterparts. Our transparencies came back tack-sharp, with excellent colors.

Razor-sharp images will make any photographer happy, and the 645AF is an excellent choice for 35mm shooters looking to move up to medium-format. It's also a good camera for medium-format photographers looking to have the added convenience of automatic features. Now, if it could only make it snow in New Hampshire!

[Editor's Note: One week after submitting this article, the Monkmans and the state of New Hampshire were inundated with snow and frigid temperatures as an arctic weather system swept across New England. Be careful what you wish for—you just might get it!] **OP**

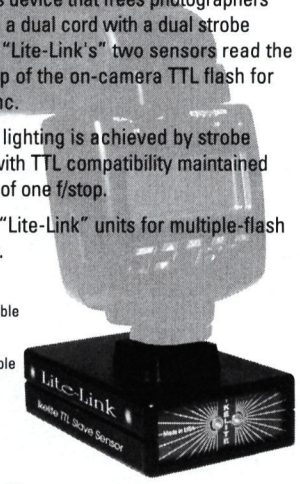
WIRELESS
TTL SLAVE SENSOR

Ikelite Lite-Link

Retain creative control over strobe placement with Ikelite's wireless TTL slave sensor. Most Nikon or Canon TTL strobes are compatible with this ingenious device that frees photographers from needing a dual cord with a dual strobe system. The "Lite-Link's" two sensors read the start and stop of the on-camera TTL flash for accurate sync.

Proportional lighting is achieved by strobe placement, with TTL compatibility maintained within 1/10th of one f/stop.

Use several "Lite-Link" units for multiple-flash photography.



Canon & compatible
Model #4098.2

Nikon & compatible
Model #4099.2

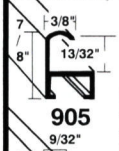
Send
$100.00
for Immediate PP Shipment to:

Ikelite Underwater Systems
50 W 33rd St. Indianapolis, IN 46208
317.923.4523

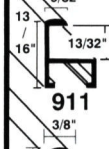
Dealer Inquires Invited

LOWEST PRICES IN USA

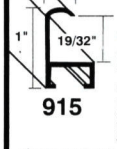
Style 905, 911 & 915 colors:
Silver, Gold, Contrast Grey, Gloss Black, Matte Black, Blue Pewter (not in 905), German Silver
Plus we carry 20 other styles in 127 colors.(the full NIELSEN line) NO MINIMUM ORDER:
Shipping / Handling (cont. 48 states)
10% of order ($7.00 minimum),
5% on orders over $200.00.
FREE on orders over $300.00,
Please add $1.00 insurance fee
Shipping/Handling elsewhere: APO, FPO, AK,HI,PR,Canada 35%, or cost plus $10.00 ($20.00 minimum at all times.)
All frames include FREE corner hardware, hangers, 8 springs and 4 bumpers.
Prices are for 2 equal lengths(1 pair), 2 pair make one frame. Other sizes available.



905



911



915

Also available BULK
Siver & Gold 20% off, Gloss & Matte Black 10% off, All other colors 15% off.
Only in boxes of 50 pairs of same shape, color and size. Includes all hardware,springs and hangers. FOB, Farmington CT 06032
Check or money order must accompany order.MasterCard, Visa welcome ($30.00 requested minimum charge)
CT residents add 6 % sales tax.
Send $3.20 in stamps for catalog and color charts,sent 1st class. Free catalog via bulk mail.

STYLE/ SIZE	911 & 905	915	STYLE/ SIZE	911 & 905	915
4-8"	2.00	2.30	20"	3.80	4.70
9"	2.15	2.50	21"	3.95	4.90
10"	2.30	2.70	22"	4.10	5.10
11"	2.45	2.90	23"	4.25	5.30
12"	2.60	3.10	24"	4.40	5.50
13"	2.75	3.30	25"	4.55	5.70
14"	2.90	3.50	26"	4.70	5.90
15"	3.05	3.70	27"	4.85	6.10
16"	3.20	3.90	28"	5.00	6.30
17"	3.35	4.10	29"	5.15	6.50
18"	3.50	4.30	30"	5.30	6.70
19"	3.65	4.50	31+	0.15	0.20

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Contemporary Frame Co.
Dept O, 346 Scott Swamp Rd
Farmington, CT 06032 For information (860) 677-7787
Toll Free 24 Hour Fax Line 800-426-2157
Call Toll Free to Order 800-243-0386

Collect all 30,000.

Whether you're a pro, enthusiast or just getting started, KEH.com has over 30,000 selections of new and used photographic equipment–all just a mouse click away. You'll find everything from state-of-the-art to vintage at the best prices in the industry. Our full service website can also give you an instant quote on your used gear when your needs or tastes change. We've been serving the photo community for over 20 years and built our reputation on integrity and service. Come see how it all adds up. We're sure it will be in your favor.

KEH.COM

the photographer's marketplace™

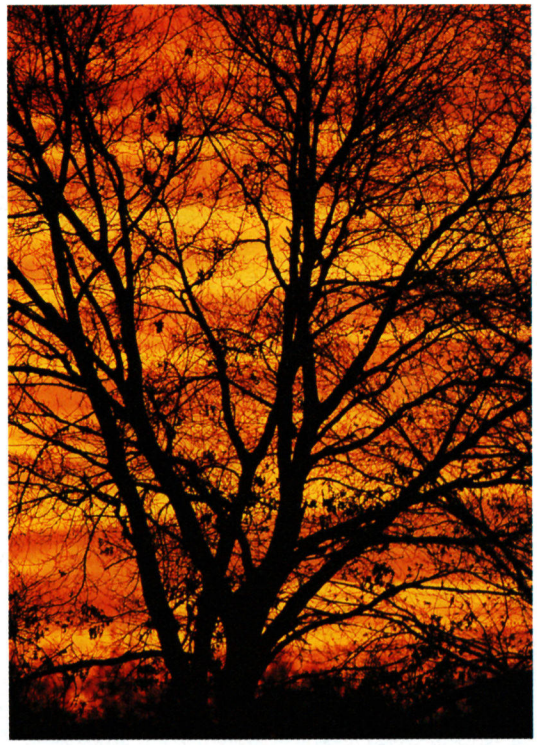
HASSELBLAD BRONICA Canon Nikon Advanced Systems Dealer OLYMPUS LEICA PENTAX

Not connected? Please call 404.892.5522 to request a free catalog.

A New PERSPECTIVE

Experiment with your wide-angle lenses for wildlife and your telephotos for landscapes to get a different look at nature

By Michael Sewell With Denise Sewell / Photography By Michael Sewell

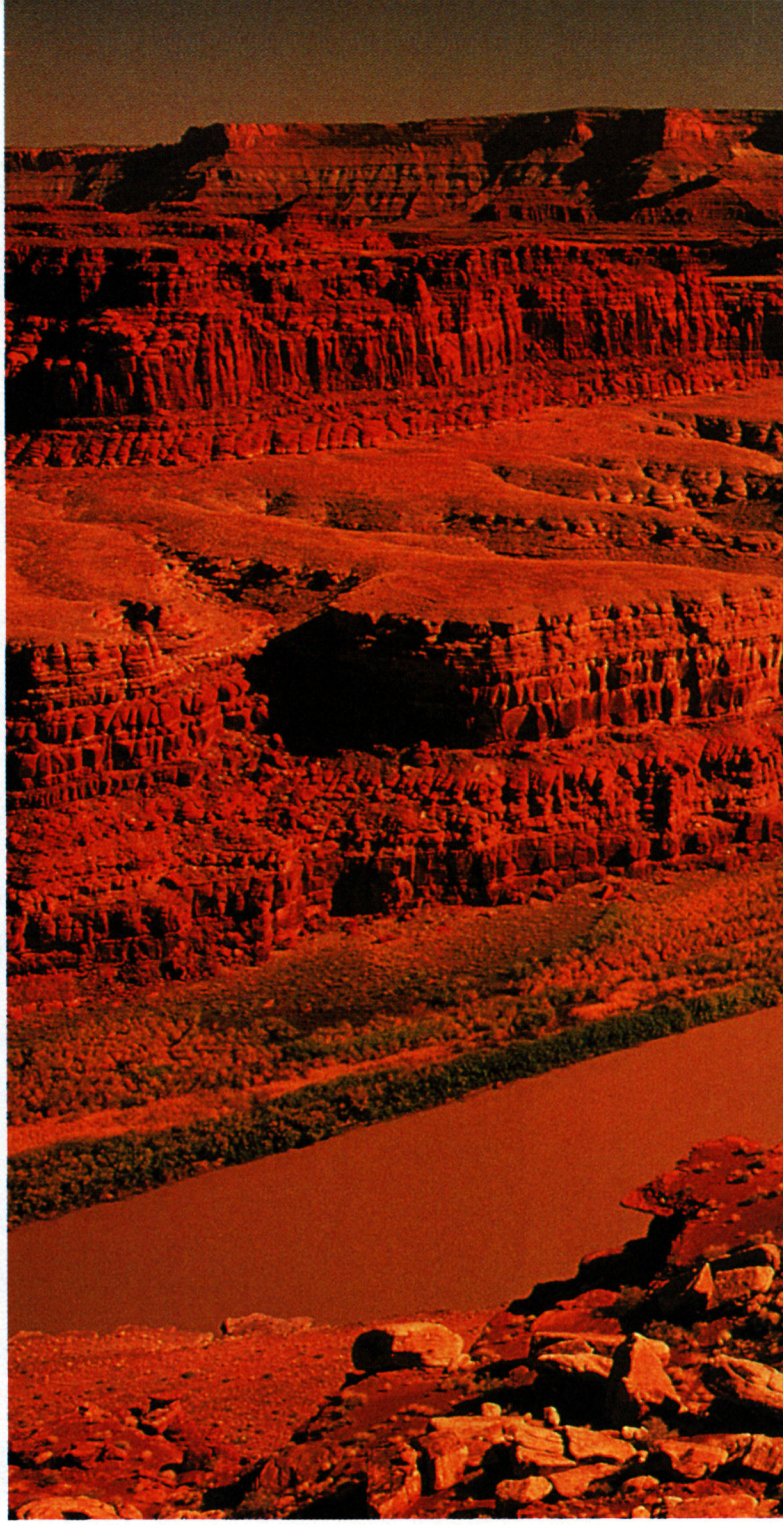


What we know as photographers can sometimes keep us from trying something new. For example, we know that telephoto lenses are good for portraits of wildlife, and that wide-angle lenses are a fine choice for landscapes. But what about the other way around?

To continue growing as photographers, we have to take risks and try new things, even things that seem contrary to what we know. This sort of thinking is what led me to begin photographing landscapes and scenic photographs with telephoto lenses instead of the wide-angle lenses I'd normally choose. Conversely, I've learned to reach for those wide-angle lenses when photographing wildlife instead of a telephoto.

Wide-Angle Wildlife

I've spent 15 years photographing wild animals and their habitats. Most of the time, I'd use a 200-400mm or an 800mm, hoping to create the quintessential portrait of an elusive animal. However, I often found myself near a wild animal with a lens that couldn't focus



OPENING SPREAD, CLOCKWISE FROM LEFT: Moonrise at Point Reyes; Barren maple tree at sunrise; Delicate Arch with star streaks; Spotted owl in flight. THIS PAGE, CLOCKWISE FROM TOP LEFT: Bullfrog in marsh; White Rim Trail overlooking the Colorado River; Western gull nesting in Farallon weed.

MOONRISE: Nikon N90, Nikkor 80-200mm *f*/2.8; MAPLE TREE: Nikon N90s, Sigma 800mm *f*/5.6; DELICATE ARCH: Nikon N90, Nikkor 80-200mm *f*/2.8; OWL: Nikon N90, Nikkor 24-50mm *f*/3.3; BULLFROG: Nikon F5, Nikkor 20mm *f*/2.8; WHITE RIM TRAIL: Nikon N90s, Nikkor 80-200mm *f*/2.8; GULL: Nikon N90, Nikkor 20mm *f*/2.8; ALL IMAGES: Fujichrome Velvia

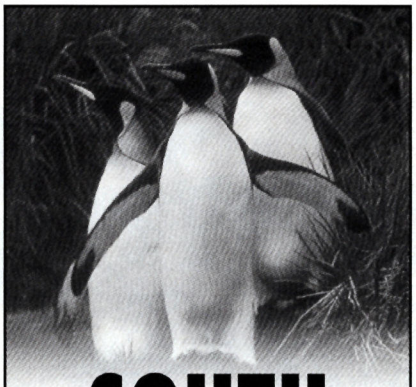
close enough. Also, telephoto lenses are great for isolating the subject, but extremely limiting when I wanted to include some of the surroundings for context and narrative.

I found that wide-angle lenses would do both—focus close enough to allow me to get next to my subject and simultaneously capture the surroundings—for a more telling portrait than a telephoto could achieve under the circumstances.

For example, while photographing a rattlesnake for the book, *Bay Area Wild,* I chose a 20mm lens. If I had used a telephoto or macro, the resulting photograph would have lacked the contextual details that I think made it print-worthy. Instead, by visualizing the photograph as a complete story and taking the extra time, I was able to show the rattlesnake reposing on a rock in a coastal California clover field.

After weeks of watching a northern spotted owl in a Marin County forest, I set up two Nikon SB-25 flash units and prefocused my camera with a 24-50mm lens (set at 24mm) just below the branch it always landed on. I used my remote trigger to catch the action as the spotted owl ascended to the perch, displaying the intricate detail of its feathers.

During a trip I made to the Farallon Islands, a breeding ground for seabirds and seals 27 miles from San Francisco's Golden Gate, I came across another example of how to use lenses differ-



SOUTH GEORGIA

and the Falkland Islands

November 25 – December 20, 2001

Set sail for the first-ever ***South Georgia cruise devoted entirely to photography.***

South Georgia is widely regarded by nature photographers as the world's greatest photo destination. Our exclusively-chartered cruise, limited to only 46 photographers, is an unprecedented opportunity for you to photograph this legendary island and its wildlife.

Our cruise will maximize photography time. With 10 shooting days on South Georgia, an itinerary that is limited to the very best photo locations, extended shore excursions, and up to 20 hours of light each day, participants will have extraordinary opportunities to photograph vast penguin colonies, rugged landscapes, seals, seabirds, icebergs and more.

Led by Wayne Lynch, John Shaw, Joe Van Os, Aubrey Lang and Dennis Mense, this is one amazing Photo Safari you simply should not miss!

From $11,725 departing from Ushuaia, Argentina

Visit our web site or call us for more information.

JOSEPH VAN OS PHOTO SAFARIS®

PO BOX 655, VASHON, WA 98070

(206)463-5383

www.photosafaris.com

info@photosafaris.com

OP65

▲ Circle No. 223 on Reader Service Card.

ABOVE: Coot hatchlings in the Viansa Wetlands.
Nikon F5, Nikkor 20mm *f*/2.8, Fujichrome Velvia

ently. I set up my camera with a 20mm lens and a remote trigger near a western gull's nest and waited for the female to return. Because I used a wide-angle, I was able to capture the detail of the specks on the eggs, the nest in brilliant Farallon weed (endemic to the islands) and also include the island's most noted rock formations in the background. If I had focused only on the western gull, a common species, my photo would have lost much of its meaning.

One of the essentials to utilizing wide-angle photography with wild animals is gaining their acceptance. Working in a marsh on the Pacific Flyway where the waterfowl are wary to any human activity, I saw a mallard nest tucked into

heavy brush. I constructed a dummy camera out of a wine bottle to simulate a lens and used short grape stakes as a makeshift tripod 18 inches off the ground. Starting from 30 yards away, I cut the distance in half each day until the end of the wine bottle was eight inches from the nest and the duck had completely accepted it. Six days after the process began, I replaced the wine bottle with my camera, a 20mm lens and an SB-25 flash. It's a painstaking process, but I have to go to great lengths not to disturb the animal while trying to get this kind of environmental portrait.

Using my spotting scope, I watched the mallard through a small opening in the vegetation from a blind about 50 yards away. When the right moment occurred, I fired the camera with a remote trigger. Fortunately, the flash (set at -2) didn't bother the duck. The result was a candid portrait of a mallard settling down on her clutch of eggs in the protective cover of thick vegetation, an intimate moment rarely photographed in the wild—a true blend of portrait and place.

I also use wide-angle lenses handheld in some situations. Working on the same wetlands project, I had seen a bullfrog hanging out in a remote part of the marsh near a levee road. I wanted to illustrate it from the perspective of a frog's world. Instead of doing the standard telephoto shot from 10 feet away, I decided to use a 20mm lens. Moving at a non-threatening pace, it took me 20 minutes on elbows and knees to cut the distance to just a few feet. The frog stayed frozen, hoping to avoid detection. I extended my arm and took a hand-held shot. The result is a "frog's-eye" view of the wetlands, a very different image than a telephoto would have delivered.

Using wide-angles for wildlife doesn't have to be as complicated as some of these examples, though. Most camera manufacturers make a wireless remote trigger or, if you have an electronic cable release, it's a simple process to add 100 or more feet of wire. Anywhere you see habitual use of a location by animals is the perfect opportunity to try wide-angle wildlife photography. For example, ideal situations would be deer consistently feeding under an apple tree or grazing in a small meadow, a dead tree frequented by woodpeckers, a bird feeder or the edge of a pond regularly visited by ducks where you could mount your camera just above water. Put out something that resembles a camera until your subject completely accepts it, then replace it with your real camera. You'll capture a new and different perspective on the critters.

Telephoto Scenics

Applying a telephoto lens to a landscape can also render phenomenal results. Telephotos can be helpful for eliminating extraneous elements from the landscape and highlighting various details. Before opening your camera bag, ask yourself what's the essence of your photo, what's inspiring you about the scene. I like to approach the landscape as if I only have a telephoto, then slowly back off and add elements. Essentially, I work backward.

While on assignment at the Aldo Leopold Nature Center in Wisconsin, I took a photograph of a barren maple tree at sunrise. Initially, I visualized the picture to include a stand of trees along

(Cont'd on page 132)

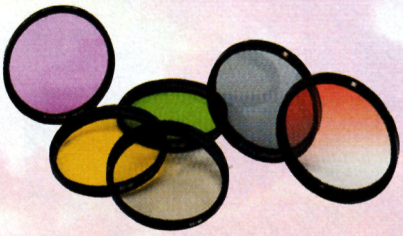
▲ Circle No. 136 on Reader Service Card.

Hoya ▼

Lee ▼

Sunpak ▼

B+W ▼



Must-Have

Choosing and using the **key filters** for outdoor photography

By William Sawalich

There's little worse than getting your film back from the lab, anticipating the shot of your life, only to discover that your photo is a bore—the colors are dull, the light is bland and it looks like you snapped it from a moving car. What happened?

Human senses often work together to subtly increase our appreciation of a scene. The trouble is, the camera only has one sense, and that relatively limited ability doesn't always see what our eyes and brain made of a scene. It's easy to get fooled into thinking a less-than-perfect scene will be your once-in-a-lifetime shot.

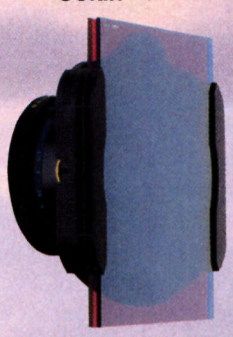
With assistance from filters, you can turn an average situation into a great photograph. There are hundreds of filters for every occasion—from radical effects to subtle color adjustments. But for outdoor photographers, there are a handful of extra importance. They can give an acceptable image the boost it needs to be great. Use these filters to make your photographs more true to your experience, or turn them into dramatically different interpretations of the subject.

There are two ways to use filters: in systems or as individual screw-ons. Systems are usually rectangular filters made of plastic that fit in a holder on your lens. One filter, with a holder and adapter ring, can then be used on any number of different lenses. They have a tendency to scratch easily, so you've got to keep them extra clean. The screw-on type of filter is usually a round piece of glass in a threaded brass mount that screws onto the front of your lens. Because they're a fixed diameter, they're only usable on one lens size. Rectangular resin filters can be easier to stack together in front of the lens and quicker to change, but glass screw-on filters are more durable and often easier to store. No matter what type of filters you use, carry them in a soft, protective case, and treat them as you would an expensive lens.

Tiffen ▼

Singh-Ray ▼

Cokin ▼



Heliopan ▼

Filters

ONLINE PHOTO CONTEST

Your favorite photo of an Unusual Family Pet might be worth $5,000. Entering our monthly contest at www.onlinephotocontest.com makes you eligible to win. The Grand Prize Winner in our SPOTLIGHT CATEGORY wins $5,000! Other categories have a $1,000 Grand Prize.

Don't have an Unusual Family Pet? There's more! We have multiple online contests running at the same time.

- Unusual Family Pets – no cats, dogs or birds $5,000 Grand Prize
- Scuba Diving and Underwater Scenes $1,000 Grand Prize
- Photographer's Choice – $1,000 Grand Prize

Plus: Three First Place Winners in each category receive an EPSON PhotoPC® 650 digital camera and Ten Second Prize Winners receive a tamrac camera bag.

TAKE YOUR BEST SHOT... AT $5,000

Don't delay. Visit our website for details. Deadline for entry in these categories is May 15th, 2000.

www.ONLINEPHOTOCONTEST.com

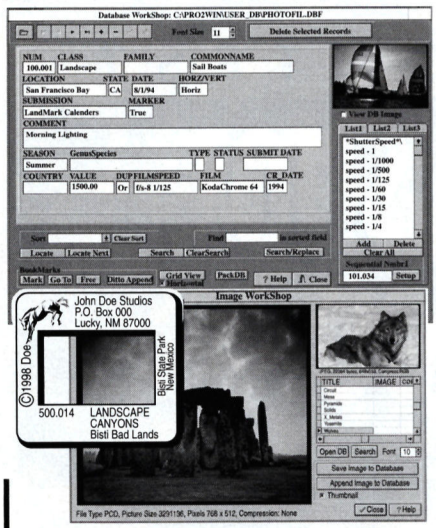
Highest Quality
Best Prices

- We specialize in photo finishing for outdoor photographers
- Prints directly from slides or negative
- We scan film & prints to digital files

LINHOFF
Since 1954
Photo & Digital Imaging
P.O. Box 24005
Edina, MN 55424
(612) 927-7333 / (800) 874-8338

We Know the
Color of Nature

▲ Circle No. 135 on Reader Service Card.



PROSLIDE II
Image Management & Labeling
Software

PROSLIDE II - $139.00
Windows 3.1, 95, NT
Fully Customizable Databases
Powerful Sort/Search/Retrieval
View Images
Unlimited #Databases / #Entries
Reports/delivery memos/ invoices
Ditto / auto seq num /lookup lists

Use Any Label Type
Horiz & Vert Text / Graphics / Logos
Copyright Notice

Image WorkShop Component
Places images into databases
Reads Photo CD's / Image Files
Scans Images / Maniputes Images
-$69.00 -
(must have PROSLIDE II)

Slide Window Labels
1000 Laser - **$34.50**

1 7/8" x 7/16" Strip Labels
5000 Laser - **$35.50**

plus $6.70 Shipping & Handling
Free Details or Check, M.O..Visa/MC
ELLENCO PO Box 159, Dept C, Tijeras NM 87059
(505) 281-8605 web: www.flash.net/~proslide

GADGET BAG

A Few Words Of Warning

Only use a filter when you've got a specific result in mind. When buying a new lens, salespeople often make good arguments for protecting it with a UV filter—a clear piece of glass that guards your expensive lens. The trouble is, we often end up with a $10 filter perpetually covering our $1,000 lens. If you're going to degrade your lens quality with a cheap hunk of glass, why not just buy a cheap hunk of glass lens in the first place?

All filters increase the chance of picking up debris, lens flare and optical aberrations—not to mention the fact that a cheaply made filter damages the image quality of *every picture* you make. Even worse, many photographers feel like their lenses are indestructible with a filter on the front, so they treat them that way. Chances are, you'll be more careful with your lens if you feel like you have to. A lens shade offers ideal protection. It not only won't interfere with image quality, but it can improve your photos by preventing flare. If you insist on a UV filter, at least buy the best one you can find.

What You Need

First and foremost, every outdoor photographer should have a polarizing filter. Polarizers are available in linear or circular constructions (which refers to the way they polarize light). They provide the same effect, but linear models can affect auto-exposure and autofocus functions. They're both wonderful tools for reducing reflections and glare, saturating colors and deepening the tones of blue skies (most dramatically at 90° from the sun). By rotating the filter, you can adjust the effect and watch the change through the viewfinder.

Graduated filters are available in any number of colors to spice up your scenes. If the blue sky isn't blue enough, use a blue "grad" to darken the sky without affecting the rest of the landscape. Or use a yellow, orange or red grad to get more dramatic colors from a sunset. The transitions between the color and clear part of the filter can be hard or soft, which varies the final result. They can also contain colorless gradations (called "neutral density") to help control contrast variations within a scene.

As completely colorless filters, neutral-density filters are great for cutting the amount of light entering the camera, whether the density is graduated or covers the entire filter. What's the use? Particularly when photographing water, if a scene is too bright, it can be hard to get a slow enough shutter speed to sufficiently blur moving water. With a neutral-density filter, you can cut one, two, three or even more stops of light.

Color-compensating filters are another workhorse for the outdoor photographer who shoots slides. They might not be glamorous or draw attention to their effects, but that's the whole point. A must-have is the warming filter, either #81A or #81B. The first is a pale orange, great for subtle warming of a scene (particularly when shooting on overcast days or in open shade). The #81B is a stronger warming filter when you'd like the effect to be more pronounced.

For adding some pop to the colors in a scene, an enhancing filter does the trick. They're not overly dramatic, but they can really bring out the vibrant colors your eyes see. They tend to work best on warm-toned colors, but different brands specialize in accentuating different colors.

For black-and-white shooters, nothing is more important than a few colored filters that alter the way their film renders a scene. Modern black-and-white film is panchromatic, sensitive to all colors in the visible spectrum. It's more sensitive to blue tones than red ones, however, which may cause skies to appear too light. A red #25 filter absorbs blue light, which darkens skies. A green #11 filter absorbs red light, which will make red flowers look darker than green leaves. A #8 yellow filter is also popular for reducing haze and increasing contrast.

Virtually every filter manufacturer makes the filters listed above. Some put their own spin on a particular effect, but you should be able to find all of them in any system you choose.

Manufacturers

B+W is a division of **Schneider Optics,** known for producing precision large-format lenses. Its filter specialty is high-quality, glass screw-ins, with a

multi-coating to reduce lens flare. They're available in all common thread sizes (found printed on the front of your lens) to fit practically any lens you like.

Cokin offers three holder-based systems: A, P and X-Pro. The A system is smaller (for longer focal lengths), and the P system is big enough to cover wide-angles. The X-Pro system is extra-large (almost 5x7-inches) to cover your biggest telephotos. Cokin's lineup of more than 300 filters is full of all the standards listed here, as well as many interesting special effects.

Heliopan makes screw-in and resin filters, as well as many kinds of holders for other filter brands. Its fluorescent correction series (designed to remove the green cast from shooting indoors) consists of pale magenta filters that are great tools for fine-tuning sunrise and sunset images. And a new Slim version of screw-ons minimizes the possibility of vignetting when used on wider lenses.

Hoya offers every screw-in filter imaginable (as well as rectangular system filters). Its dual-color filters allow you to simultaneously warm one part of a scene while cooling the tones in another. Plus, Hoya makes a series of adapter rings to fit its filters (like polarizers and UVs) to binoculars.

The **Lee** filter system utilizes a customizable holder to accommodate resin and polyester filters (a delicate, affordable and high-quality type of rectangular filter, also called a gel). They're extra-large so they sufficiently cover larger lenses without vignetting. Lee's product line is divided into individual sets—such as landscape, sunset and sunrise—so you can easily select filters specifically for the type of shooting you do most.

Singh-Ray has a reputation for producing very high-quality resin and screw-mount filters. Particularly interesting are its specialized polarizers, which are available in warming and intensifying versions to not only provide the effects of a standard polarizer, but to also alter the color of a scene. They're compatible with Cokin and Lee holders, too.

Sunpak, a longtime maker of photo products, has a new line of more than 250 PicturesPlus filters. It includes all the standards, as well as

▲ Circle No. 178 on Reader Service Card.

▲ Circle No. 145 on Reader Service Card.

ENLARGE YOUR PHOTO IMAGES WITHOUT LOSS OF DETAIL, QUALITY OR COLOR

Genuine Fractals™, the award-winning plug-in for Adobe Photoshop, Adobe PhotoDeluxe, Corel Photo-Paint 9 and Jasc Paint Shop Pro 5.03 lets photographers and graphics professionals work in a low- to medium-resolution original image file, save the image as a lossless or visually lossless scalable file, then open the image to the desired size or resolution for printing while preserving original image quality.

ALTAMIRA GROUP

www.altamira-group.com

▲ Circle No. 266 on Reader Service Card.

ADVENTURE CANADA

Outdoor Photographer

Proudly Presents

"Floating Photography Symposium"

"MILLENNIUM VOYAGE OF DISCOVERY"

From Greenland to Labrador & Atlantic Canada, September 3 - 15, 2000

Join **Outdoor Photographer**, **The Royal Canadian Geographical Society**. **Adventure Canada** and an esteemed group of photography instructors, naturalists, scientists and artists including broadcaster/ecologist **Dr. David Suzuki** and singer-songwriter **Ian Tamblyn** on a spectacular wilderness Voyage of Discovery aboard the 110-passenger expeditionary ship *Lyubov Orlova.*

Key note presenters will include:

* **Kennan Ward** - Renowned photographer & OP contributor
* **Mike Beedell** - Arctic explorer & adventure photographer
* **Kevin Spreekmeester** - Marketing savvy photojournalist
* **Larry Frank** - Nikon School manager for over 20 years

Kennan Ward

✔ Daily instruction on a broad range of photo subjects
✔ A digital lab - the chance to use some of the industry's latest technology
✔ Daily field excursions
Over half the ship has been booked!

BOOK PRIOR to May 31, 2000 and receive a FREE Lowepro Camera Bag!

Call today to reserve your space! Contact us at:

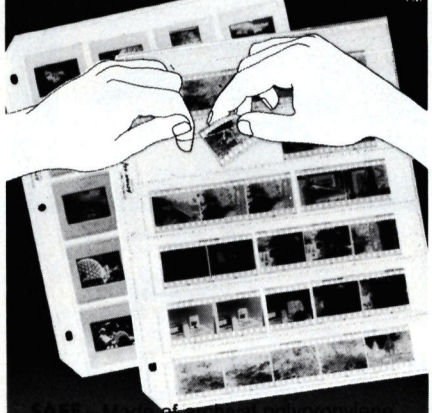
PH: 800-363-7566 or 905-271-4000 email: info@adventurecanada.com web: www.adventurecanada.com

FUJIFILM Professional · Nikon · Canadian Geographic · Lowepro Camera bags for the real world

▲ Circle No. 275 on Reader Service Card.

NEW VERTICAL FORMAT

PERMA-SAF™



SAFE—Made of archival polypropylene.
SIMPLE—New top-loading envelopes allow for convenient *drop-in* storage and reduce the risk of scratching.
SECURE—New *lock-in* flap holds negatives and slides securely in place.
CONVENIENT—Fits any standard 3-ring binder or file cabinet using hanger bar.

LOW PRICE—$9.95/pkg. of 50
__ pkgs New PERMA-SAF 35mm Slide Pages
__ pkgs New PERMA-SAF 35mm Negative Pages
__ pkgs hanger bars @ $6.50/pkg. of 50
NJ residents add 6% sales tax. Res. of cont.U.S. add $3.95 S&H.
All others add $2.95 plus 20% of order.

Name

Address

City State Zip

OP 5/00 Expires 5-31-00

PERMA SAF • P.O. Box 320, Denville, NJ 07834

▲Circle No. 183 on Reader Service Card.

CAN YOUR TRIPOD DO *THIS?*

BENBO®

CAN!

Send for free brochure.

Division of TIFFEN®

Helping Create the World's Greatest Images

The Tiffen Company
21 Jet View Drive, Rochester, NY 14624
Fax: (800) 394-3686
www.tiffen.com • www.saundersphoto.com

▲ Circle No. 263 on Reader Service Card.

special effect and enhancement filters for color or black-and-white photography. The multi-coated glass filters are built to the same standards as all Sunpak products, and are available in almost any size to fit SLRs, digital cameras and even camcorders. All Sunpak filters have lifetime warranties.

Tiffen manufactures screw-in filters with special multi-coatings (like the ones found on lenses) to reduce lens flare and other optical aberrations. The Tiffen line sports more than 200 filters, including its series of Hollywood/FX filters. Originally designed for motion pictures, they offer still photographers a number of effects—from polarizers that reduce reflections and glare, to starburst filters for spectacular effects. **OP**

Resources

B+W Filters (Schneider)
(631) 761-5000
www.schneideroptics.com

Cokin Filters (Minolta)
(201) 825-4000
www.minoltausa.com

Heliopan (HP Marketing)
(800) 735-4373
www.hpmarketingcorp.com

Hoya Filters (THK)
(800) 421-1141
www.thkphoto.com

Lee Filters
(800) 576-5055
www.leefilters.com

Singh-Ray Filters
(800) 486-5501
www.singh-ray.com

Sunpak (ToCad)
(973) 428-9800
www.tocad.com

Tiffen
(800) 645-2522
www.tiffen.com

Outdoor Photographer

Click through for more information on these and other advertisers who are featured monthly in the
PHOTO LAB & IMAGING SHOWCASE
www.outdoorphotographer.com

It's Better Than Cibachrome!
LightJet 5000
Photodigital Printing
First 8x10 FREE with coupon
8x10 – $15.00
11x14 – $23.00
16x20 – $42.00
20x24 – $57.00
All sizes up to a 4'x8'
Price Includes Hi-Res Scan
Call Photo Images for more information:
1•800•637•1440
or Visit Our Website at: www.pisite.com

www.photoconcepts.net
digital
e-6 processing
c&r color
b/w services
• A full service lab
• Committed to your needs
• Responsive and personalized
• Outdoor/nature specialists
• Family-owned and run since 1983
Photo Concepts, Inc.
3001 East Thomas Road
Phoenix, Arizona 85016
E-mail: info@photoconcepts.net
Phone: (602) 957-8055 Fax: (602) 224-0110

FotoWire®
FotoWire features a global network of more than 75 labs online in 17 countries. FotoWire is the pioneer and world-market leader in e-photofinishing. Upload images from your PC right to a photo lab of your choice and get back professional prints in the mail. (24-hour turnaround often available).
FW™
www.fotowire.com

KRISTI™
A Fine Art Archival Print Process
Phone for your sample package today
TEL: 1.800.604.1199
FAX: 1.800.551.9116

NancyScans
visit www.nancyscans.com

Tango™ *Drum Scans*
Wide Gamut ICC profiled Color Sync™
• up to 100 MB → $39.95
• up to 200 MB → $49.95
• up to 300 MB → $79.95
WCi
Visit our website for monthly promotions and special offers.
www.westcoastimaging.com
800.799.4576
559.641.7338

BIG COLOR POSTERS AT HUGE DISCOUNTS
FROM YOUR DIGITAL FILES
PRICES SHOWN BELOW PRINTED ON HIGH GLOSS OR LOW GLOSS 7mil PAPER
$25 24" x 36" FULL COLOR PRINT
$50 36" x 48" FULL COLOR PRINT
$125 48" x 72" FULL COLOR PRINT
WE CAN PRINT ON OTHER MATERIALS: CANVAS, SILK, VINYL, BACKLIT, & OTHERS
LOWEST PRICES IN THE COUNTRY! • NO MINIMUM
VOLUME DISCOUNTS • FAST TURNAROUND • OTHER SIZES AVAILABLE
LAMINATING & MOUNTING AVAILABLE AT THE SAME GREAT DISCOUNTS
CREATIVE JUICES PRINTING & GRAPHICS INC.
24 WOLCOTT ROAD • LEVITTOWN, NY 11756 • 516-520-4533 • FAX: 516-520-4534
VISIT OUR WEBSITE FOR MORE PRICING & INFO:
BIGPOSTERS.COM
1-888-880-HUGE

ILFOCHROME PROCESSING FROM TRASPARENCIES 35MM TO 4X5

SIZE	GLOSS OR PEARL	SUPER GLOSS	MOUNTING
5X7	9.10	12.50	4.50
8X10	11.95	16.25	6.50
11X14	19.50	27.75	8.00
16X20	34.00	43.00	8.50
20X24	60.25	76.55	10.50
20X30	75.00	92.00	11.50

AMERICAN EXPRESS, MASTERCARD, VISA, DISCOVER
ADD $4.50/ORDER FOR SHIPPING & HANDLING
PHOTO 1
1110-B S. Bowen Rd.
Arlington, TX 76013
817-861-0048
www.photo-1-arltx.com

advertise your lab & imaging services **here**
contact
brian cody
(310) 820-1500, ext. 137
bcody@wernerpublishing.com

Lisl Dennis

The Mystery And Magic Of Morocco

September, 2000

Exotically colorful, culturally and historically compelling, the Imperial Kingdom of Morocco is one of the world's great photographic destinations. Join photographer and *OP* columnist Lisl Dennis in capturing images of souks, casbahs and medinas from Casablanca to Marrakesh, from the edge of the Sahara to the snowcapped High Atlas Mountains. Photograph veiled women in ancient Essaouira on the Atlantic and the crenellated walls of Taroudant in the south. On-location photo demonstrations and group discussions add extra dimension to this special North African adventure.

For more information, contact: Lisl Dennis, 8 Soleado Lane, Santa Fe, NM 87505, (505) 982-0110, e-mail: landt@cybermesa.com.

Workin' On The Railroad

May 10-14 and September 13-17, 2000

Utah Canyons Workshop is offering a unique northern Nevada Railway Museum workshop in Ely, Nevada. The rail line dates back to 1908, when it was established as a freight line to bring copper ore from the mine in Ruth to the smelter in McGill, Nevada. Today, the station remains as the citizens left it: shops filled with tools of machinists, carpenters and blacksmiths; a restored passenger terminal; an immense "round house" with locomotives maintained in working order; and various other support structures. Strewn about the tracks and surrounding areas are old, discarded machinery and locomotive parts preserved in a state of arrested decay. The photographic possibilities are infinite. A Zion Canyon workshop is also offered (Oct. 28-Nov. 3).

For more information, contact: Michael Plyler, Utah Canyons Workshops, P.O. Box 296, Springdale, UT 84767, (435) 772-0117.

Exotic Wildcats!

Year-Round

Photograph some of the world's rarest and most exotic wildcats on a 40-acre refuge in Tampa, Florida. WildLife On Easy Street, a nonprofit organization, offers photo safaris and day tours featuring more than 140 cats from more than 17 different species. Photograph tigers, South American cougars, Asian and African leopards (both spotted and black), Northern and Southern bobcats, snow leopards, clouded leopards, caracals, Eurasian lynxes, lions, lemurs, African civets and binturongs (Asian civets) and more in spacious, natural habitats. Cabins are available on the sanctuary grounds.

For more information, contact: WildLife On Easy Street, 12802 Easy St., Tampa, FL 33625, (813) 920-4130, e-mail: EasyStWild@aol.com, www.WildLifeOnEasyStreet.com.

Alaskan Wilderness And Wildlife

June-August, 2000

Experience the real Alaska—its wilderness and wildlife—with expert photographers in a natural-history photo workshop. Working cruises combine hands-on professional instruction with spectacular photographic opportunities: eye-to-lens encounters with grizzly and black bears, breaching and lunge-feeding humpbacks, killer whales and bow-riding Dall's porpoise, plus ancient forests, glaciers and mountain scenics. Tours will be conducted by leading nature photographers including Art Wolfe, Nancy Rotenberg, Irene Sacilotto, Roger Devore, Tom Johnson, Betty Sederquist and Brenda Tharp, and will be accompanied by professional naturalists, a skipper and a professional chef.

For more information, contact: Dolphin Charters, 1007 Leneve Pl., El Cerrito, CA 94530, (800) 472-9942, (510) 527-9622, e-mail: dolphin3@earthlink.net, www.dolphincharters.com.

Robin Davis/Cortona Center of Photography

Cortona Center Of Photography

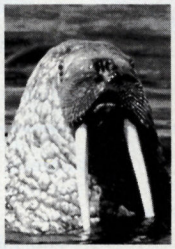
April 21-October 20, 2000

Hone your craft with renowned photographers in the walled Etruscan city of Cortona, Italy, at the Cortona Center of Photography. Here, in one of Europe's best-preserved ancient cities, you'll meet the local people and take photographs as you travel through the dramatic landscape, visiting ancient towns, vineyards and wineries. Perched on a mountain, the classic Tuscan hill town of Cortona is surrounded by farms and great estates, with roads winding through terraced foothills covered with olive trees. In spring and summer, blooming flowers blanket the fields. Guest instructors for 2000 are *National Geographic* photographer William Albert Allard and Joe McNally, formerly of *Life* Magazine.

For more information, contact: Cortona Center of Photography, P.O. Box 550894, Atlanta, GA 30355, (404) 872-3264, e-mail: allen@cortonacenter.com, www.cortonacenter.com.

Alaska

Voyages of Discovery on the Bering Sea



Walrus, sea lions, whales, giant Alaska brown bears, shore birds and sea birds. Photograph Alaska's most inaccessible wildlife with a local guide aboard the 50-foot motoryacht, Bel Canto.

Walrus Islands Expeditions
4828 Rochelle Rd.
Homer, AK 99603
(907) 235-9349
walrus@ptialaska.net

www.alaskawalrusisland.com

CampAlaska Tours

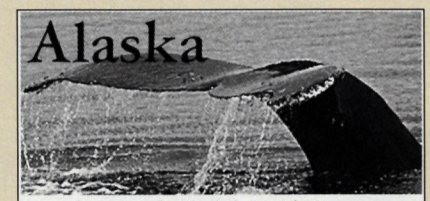
(800) 376-9438

Affordable Adventures in The Last Frontier!

Because you can't experience Alaska in a hotel lobby.

P.O. Box 872247, Wasilla, AK 99687
www.campalaska.com

Alaska



Photograph Alaska's Inside Passage

Humpback whales, Glaciers, Bears, Sea lions, Harbor seals, Eagles & much more! Come aboard our 55-ft. custom yacht, *The Bear* & photograph Alaska's Best. For more info, call or e-mail us at 360-403-7115
e-mail: austin@austindenherder.com
Alaska Coastal Outfitters, 505 1st St., Sitka, AK 99835

www.alaskahunting.com

▲ Circle No. 211 on Reader Service Card.

Photo Tours

ALASKA

Join Rich Reid on a guided photo tour
• multiple itineraries • small groups
• combination land & sea

Colors of Nature™

For brochure & info
info@colorsofnature.com
www.colorsofnature.com
888-385-5595

Alaska Travel Specialists

Glacier Expeditions

Wildlife & Mountain Photography Trips

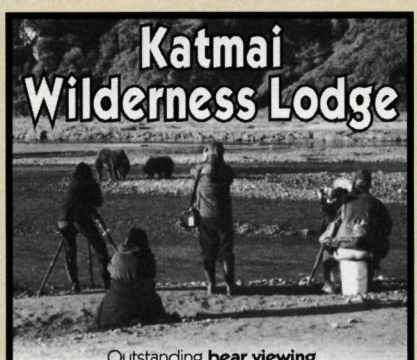
Denali National Park & Kenai Peninsula

Van Tours, Glacier Treks, Hiking & River Rafting

www.glacierexpeditions.com
Toll-Free (877) 880-9045
tours@glacierexpeditions.com

▲ Circle No. 194 on Reader Service Card.

Katmai Wilderness Lodge



Outstanding **bear viewing** (20 plus bears counted on some days), **sports fishing** (all Pacific salmon species, Dolly Varden, halibut, cod) and **bird watching**. Enjoy all 3 for the price of 1!

Web Site: www.katmai-wilderness.com
E-mail: katbears@ptialaska.net
Toll Free: 1 (800) 488-8767
Fax: 1 (907)486-6798

Domestic

Nikon School

1999/2000

One-day weekend classes from the company known for taking **"The World's Greatest Pictures."** Yours for $99 (includes lunch and 157-page Nikon School Handbook).

9/25-26/99 Arlington, VA	**2/12-13/00** Berkeley, CA
10/2-3/99 Southbury, CT	**2/26-27/00** Atlanta, GA
10/16-17/99 Bellevue, WA	**3/4-5/00** Baltimore, MD
10/23-24/99 Anaheim, CA	**3/11-12/00** New York City
11/6-7/99 Chicago, IL	**3/25-26/00** Philadelphia, PA
11/13-14/99 Cincinnati, OH	**4/1-2/00** Dallas, TX area
11/20-21/99 Houston,TX	**4/8-9/00** Denver, CO
12/11-12/99 New York City	**4/29-30/00** Chicago, IL
1/8-9/00 Boston, MA area	**5/6-7/00** Detroit Metro area
1/15-16/00 Mesa, AZ	**5/20-21/00** New York City
1/22-23/00 Orlando, FL	**6/3-4/00** San Diego, CA
2/5-6/00 Durham, NC	**6/10-11/00** Indianapolis, IN

Nikon School

1300 Walt Whitman Rd. • Melville, NY 11747-3064
By phone: (631) 547-8666 • By fax: (631) 547-0309
Visit our Web site at: www.nikonusa.com

Exposures North & Halley's Camps Photo Workshops

NORTHWESTERN ONTARIO, CANADA

Workshops with Internationally Published Photographer, TOM THOMSON
Four- and five-night packages available.
Packages include Transportation from Winnipeg, Manitoba to the lodge.

All meals and daily photo workshops.
For complete package information, call 1-800-465-3325

Rocky Mountain School of Photography

REACH NEW HEIGHTS!

Summer Intensive Career Training
in Montana
June 5 – August 18 2000

Over 30 exciting workshops
David Middleton, John Shaw, Galen Rowell and more

Call for our free 72-page catalog today!
800-394-7677

210 N. Higgins, Ste. 101. Missoula, MT. 59802
rmsp@marsweb.com www.rmsp.com

▲ Circle No. 128 on Reader Service Card.

WILD BLACK BEAR PHOTOGRAPHY CLASS

in Orr, MN. July 14-16.
$195.00
for info call: (218)757-0172
or e-mail: bears@rangenet.com

Utah Canyons Workshops

Nevada Northern Railway Museum, Ely, Nevada
MAY 10–14, 2000
SEPTEMBER 13–17, 2000

Zion Canyon
OCT. 28–NOV. 3, 2000

For info, write or call:
Michael Plyler, P. O. Box 296,
Springdale, Utah 84767 phone: 435.772.0117
sponsored by Z-Arts!

New Photo Center in the East
WOLVES – BOBCATS – FOX

Best photo op available anywhere and you don't have to leave "home." Wolves–9 Arctics–9 Timbers–4 Tundras–Natural Settings
Lakota Wolf Preserve • 89 Mt. Pleasant Rd., Columbia, NJ 07832
TOLL-FREE 877-SEE-WOLF
www.lakotawolf.com • e-mail: photography@lakotawolf.com

Workshops-San Juan Islands-WA

Aboard the 100' *Mystic Sea*
Photo, watercolor or sculpture led by renowned artists
4-day trips weekly departures WA
www.mysticseacharters.com
(800) 308-9387

Outdoor Photographer
YOUR MESSAGE IS READ **LOUD & CLEAR**
For advertising information, call (310) 820-1500

FREE INFO!

READER INFORMATION SERVICE

KEEP THIS CARD HANDY AS YOU READ THROUGH THIS ISSUE

Outdoor Photographer has made it easier for readers to obtain additional information on products and services covered editorially or advertised in this issue. Simply complete the attached postpaid Reader Response Card as follows: Print or type your name and address where indicated. Answer all questions. Look for the Reader Response number in the advertisement and circle that number on the Reader Response Card.

NEW AND FASTER

FREE INFORMATION FROM Outdoor Photographer® ADVERTISERS

Visit the Outdoor Photographer Web site, www.outdoorphotographer.com, and click on the button as shown above.

CAMERAS

Canon
Introducing the most advanced camera the world has ever seen. The Canon EOS.
Pages 19-21. **RS# 208**

Gran-View
Versatile, lightweight, large-format cameras.
Page 110. **RS# 157**

Nikon
Introducing the New Nikon N80.
Pages 6-7. **RS# 215**

DIGITAL IMAGING PRODUCTS

Altamira Group
Enlarge your photo images.
Page 121. **RS# 266**

Canon Computer Systems
For more information, go to www.BJC8200.com.
Pages 4-5. **RS# 151**

mycamera.com
The online imaging authority.
Page 81. **RS# 121**

Ofoto, Inc.
The premier photographic site on the Web, featuring commerce, articles, and galleries.
Pages 14-15. **RS# 253**

PhotoAlley.com
The Internet photo company.
Pages 27-29. **RS# 238**

Photoflex
www.webphotoschool.com.
Page 91. **RS# 155**

LENSES

Tamron
Introducing the new AF 28-300mm.
Inside Back Cover. **RS# 206**

THK, Inc.
Introducing the new Tokina's ATX 280 PRO plus ATX PRO lens Consumer Rebates.
Pages 56-57. **RS# 261, 262**

PHOTO PRODUCTS

Arion Sales
Your complete slide show source.
Page 103. **RS# 222**

Beattie
Intenscreen focusing brightens your view.
Page 132. **RS# 120**

Bogen Photo Corporation
LPA Wave Sensor.
Page 40. **RS# 229**

Flare Buster
A flexible, camera-shoe-mounted system.
Page 121. **RS# 145**

Graphik Dimensions
Metal frames at rock-bottom prices.
Page 134. **RS# 124**

HP Marketing
Heliopan filters.
Page 86. **RS# 270**

HP Marketing
Rodonstock loupe.
Page 84. **RS# 239**

Hunt's Photo & Video
Professional film and photo products.
Pages 144-145. **RS# 237**

Ken-Lab
Gyro Stabilizers fit any camera.
Page 132. **RS# 171**

Minolta
The Cokin Creative Filter System has everything you need to turn ordinary pictures into extraordinary works of art.
Page 43. **RS# 278**

OP/Tech
Snoot Boot and Grip Strap.
Page 40. **RS# 137**

Perma-SAF
Vertical format 35mm slide pages.
Page 122. **RS# 183**

Prism Printing and Graphics
Find the right settings for great photographs.
Page 133. **RS# 109**

Schneider Optics
The hard facts on going soft.
Pages 34-35. **RS# 220**

Singh-Ray Filters
New Singh-Ray GREEN, RED, and BLUE Intensifiers.
Page 17. **RS# 187**

ToCAD
Introducing Sunpak PicturesPlus Filters. Page 9. **RS# 252**

PHOTO BAGS

Lowepro
Lowepro's Trekker AW backpacks.
Page 33. **RS# 159**

Pelican Products
The world's toughest Watertight Cases. Page 80. **RS# 140**

Tamrac
Tamrac Extreme Series photo backpacks.
Page 91. **RS# 247**

TRIPODS/UNIPODS

Bogen Photo Corporation
Tracker Tripods by Manfrotto.
Page 17. **RS# 228**

Sinar Bron
FOBA Superball ballheads to match the weight of any camera and lens.
Page 44. **RS# 219**

Slik
SLIK ClampPod, SLIK Unipod.
Page 85. **RS# 250, 147**

LAB SERVICES

Dale Laboratories
Great Slides From Print Film!
Page 86. **RS# 269**

Imagexperts
Photo and digital service experts.
Page 117. **RS# 136**

Linhoff
Scan film from and to digital files.
Page 120. **RS# 135**

OUTDOOR PRODUCTS AND TRAVEL

Adventure Canada
Floating Photography Symposium.
Page 122. **RS# 275**

Chrysler Jeep®
For more information on the legendary Jeep vehicles, visit our Web site at www.jeep.com.
Back Cover. **RS# 190**

Colorado Travel & Tourism
Get your free Colorado Visitors Guide at 1-800-COLORADO or COLORADO.COM!
Page 129. **RS# 162**

Johnson Worldwide Associates
Eureka: Made to meet the challenge.
Page 107. **RS# 153**

Silver Creek Industries
Hear all of nature's hidden sounds with the original Bionic Ear.
Page 127. **RS# 267**

Joseph Van Os Photo Safaris
South Georgia and the Falkland Islands, Nov. 25 - Dec. 20, 2001.
Page 116. **RS# 223**

MISCELLANEOUS

Atomic Time
The world's most accurate timepieces.
Page 121. **RS# 178**

Photographer's Edge
Turn your photos into greeting cards.
Page 132. **RS# 256**

Photo Traveler
Travel guides written by photographers.
Page 133. **RS# 118**

We-no-nah Canoes
Superb canoes built of Kevlar & Royalex.
Page 133. **RS# 254**

For Travel & Workshop Reader Service numbers, please see pages 125-132. Circle the corresponding numbers on the attached postpaid Reader Service Card.

Outdoor Photographer®

Take this card and stuff it!...

...into the nearest postal pick-up box. Your request will be forwarded to the appropriate companies, which will send you the requested information by return mail at no extra cost. Please allow two weeks or more for delivery. If, for some reason, the card has been removed from this issue, please write the Reader Response numbers on a piece of paper, including your name, address and the date of this issue, and send it to *Outdoor Photographer Magazine*, P.O. Box 5065, Pittsfield, MA 01203-9124.

For a fast subscription to ***Outdoor Photographer***, visit our Web site at www.outdoorphotographer.com or call toll-free (800) 283-4410 nationwide.

Reader Opinion Poll

Tell Us How To Meet Your Needs

Because *OUTDOOR PHOTOGRAPHER* values your continued readership, we've created this Reader's Forum to allow you to tell us what you think of the articles that appear in this issue. It's easy! Each feature and column/department in the issue is numbered below. Simply circle the Reader Service Key Number on the attached Reader Response Card that corresponds to the **two features *and* the two columns/departments** that you liked most and liked least. Also, by circling the numbers on the Reader Response Card that correspond to advertisers in the magazine, you can obtain fast, free information on these items at no extra cost. Make sure you print or type your name and address where indicated and answer all questions. Thank you for your feedback!

Features

Liked Most
(choose two)

349 Flowers: The Ultimate Outdoor Subject
350 Two In America
351 For The Love Of Kick-Ass Filtering
352 Choose The Right Film
353 The Challenge Of The Forest
354 Compositional Bracketing
355 Ten Telephoto Tips
356 Off The Beaten Path
357 Your Best Prints
358 Down East Winter Blues
359 First Look!: Nikon N80
360 A New Perspective

Liked Least
(choose two)

369 Flowers: The Ultimate Outdoor Subject
370 Two In America
371 For The Love Of Kick-Ass Filtering
372 Choose The Right Film
373 The Challenge Of The Forest
374 Compositional Bracketing
375 Ten Telephoto Tips
376 Off The Beaten Path
377 Your Best Prints
378 Down East Winter Blues
379 First Look!: Nikon N80
380 A New Perspective

Columns/Departments

Liked Most
(choose two)

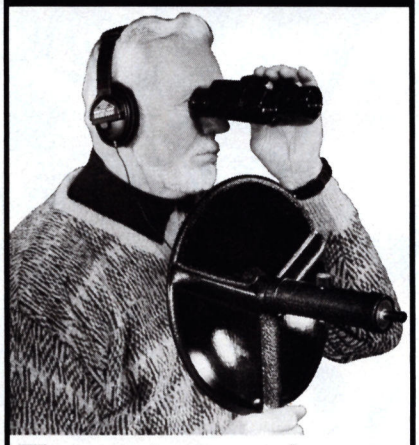
361 In Focus
362 Favorite Places: Black Point Wildlife Drive, Florida
363 Photo Adventure
364 Basic Jones
365 Tech Tips
366 Traveler's Eye
367 Focus On Nature
368 Gadget Bag: Must-Have Filters!

Liked Least
(choose two)

381 In Focus
382 Favorite Places: Black Point Wildlife Drive, Florida
383 Photo Adventure
384 Basic Jones
385 Tech Tips
386 Traveler's Eye
387 Focus On Nature
388 Gadget Bag: Must-Have Filters!

Outdoor Photographer®

FREE BROCHURE



Hear nature up close.
Hear all of nature's hidden sounds with the original **Bionic Ear®**. Powerful and highly directional with Bionic Booster®. Electronic limiter protects hearing. Call 1-800-533-3277.

Silver Creek INDUSTRIES
www.silvercreekindustries.com
P.O. Box 1988, Manitowoc, WI 54221

▲ Circle No. 267 on Reader Service Card.

Kodak TAKE PICTURES. FURTHER.

Free film

The choice of pros.
Buy 4 rolls of 35mm, 120 or 220 KODAK PROFESSIONAL PORTRA 800-Speed Film and get 1 FREE.*

- Get great pictures in difficult lighting
- Unmatched sharpness and color saturation
- Extra speed for background detail and stop action

www.kodak.com/shop/protrialfilms

*Offer expires June 30, 2000. Limit 20 rolls.

Kodak Professional

Kodak, Take Pictures. Further.™, and Kodak Professional are trademarks. Kodak Professional. A division of Eastman Kodak Company. © Eastman Kodak Company, 2000

Joe Englander

All Around The World

Throughout 2000

Take a photo tour practically anywhere in the world with Joe Englander Photography. Wildlife photographer John Conrad will lead a wildlife safari in Kenya in late August for the great migrations. Well-known landscape photographer Dennis Halkides will conduct workshops in Greece and Crete, Yosemite, Olympic National Park and the Slot Canyons of Arizona. Heinz Staffelbach will lead two tours in Switzerland, and Mehmet Ozbalci will conduct two different workshops in Turkey. If that doesn't satisfy your wanderlust, you can tour New Mexico, Montana, Wyoming, Portugal, Ireland, Bhutan, India, Austria, the Czech Republic, France or Italy. Trips are open to photographers of all skill levels.

For more information, contact: Joe Englander Photography Workshops & Tours, (800) 474-9709, www.englander-workshops.com.

Quest For The Spirit Bear

August-October, 2000

Enjoy a weeklong journey aboard the *Ocean Light II* charter yacht into remote areas of the mid-coast of British Columbia, home to a healthy population of Spirit bears and salmon. Explore the inlets, bays and old-growth forest of this spectacular region, including Princess Royal Island, the ancestral home of the rare white Kermode bear. The surrounding mountains and rain forest provide habitat for grizzly bears, wolves, black bears, deer and beavers. Kayaks are available for paddling through one of the last unlogged temperate rain forests in the world. Other trips are available to the Khutzeymateen Valley—Canada's only grizzly sanctuary; Haida Gwaii—also known as the Queen Charlotte Islands; and southeast Alaska during Spring and Summer 2000.

For more information, contact: Ocean Light II Adventures, 4449 West 10th Ave., Vancouver, B.C., Canada V6R 2H8, (604) 328-5339, e-mail: tom@oceanlight2.bc.ca, www.oceanlight2.bc.ca.

Digital Nature Photography

October 8-13, 2000

Nature photography is beginning to embrace computer technology to produce new and wonderful imagery. Famed nature photographer and *OP* columnist George Lepp will discuss techniques for using the computer as a photographic tool. The course includes two trips in the field with Lepp, using both film-based cameras and digital equipment to capture images. The remainder of the workshop will be devoted to lab and lecture time. The basic tools of digital photography will be introduced, including cameras, scanners, Adobe Photoshop and photographic printers. Participants will learn how to build their own digital darkrooms and the fundamental techniques of image manipulation with the goal of producing quality prints.

For more information, contact: Rocky Mountain School of Photography, 210 N. Higgins Ave., Ste. 101, Missoula, MT 59802, (800) 394-7677, (406) 543-0171, e-mail: rmsp@rmsp.com, www.rmsp.com.

Minnesota Black Bears

July 14-16, 2000

Focus on the basic elements of good nature photography in the setting of the Vince Shute Wildlife Sanctuary, a 360-acre North Woods habitat that's home to black bears and other wildlife. Photograph the bears up close as you learn more about composition, natural light, exposure, lens selection and more with freelance nature photographer John Pennoyer. Classroom instruction will be combined with numerous field trips to provide an educational and exciting experience.

For more information, contact: American Bear Association, (218) 757-0172.

Allen Rokach

New Mexico Birds And Landscapes

December 2-8, 2000

Southern New Mexico boasts two world-class natural attractions: Bosque del Apache National Wildlife Refuge and White Sands National Monument. Together, they comprise a nature photographer's dream. Bosque del Apache, a man-made wetland located 90 miles south of Albuquerque, is a winter home to hundreds of thousands of birds—cranes, snow geese and countless waterfowl, and other once-endangered species. White Sands National Monument is a huge range of pure white gypsum sand dunes that form a unique, otherworldly landscape. Two daily outings give participants the opportunity to learn effective bird photography techniques and develop landscape photography skills.

For more information, contact: The Center For Nature Photography, 3916 Glenwood Ave., Birmingham, AL 35222, (205) 595-LOOK (5665), e-mail: allen_rokach@time-inc.com; www.centerfornaturephoto.com.

▲ Circle No. 260 on Reader Service Card.

DRAMATIC LIGHT NATURE PHOTOGRAPHY
with Joseph K. Lange, APSA

2000 WORKSHOPS

Arches & Canyonlands in Springtime, UT	May 13 - 19
Yellowstone & Grand Tetons in Spring, WY	June 17 - 23
Canadian Rockies	July 15 - 23
Mt. Assiniboine Extension - Canadian Rockies	July 23 - 26
Maroon Bells & San Juan Mtns in Autumn, CO	Sept 23 - 29
Monument Valley & San Juan Mtns Color, CO	Sept 30 - Oct 6
Anasazi Ruins & Rock Art, CO, UT, AZ, NM	Oct 28 - Nov 3
Zion & SW Utah in Autumn, UT	Nov 4 - 10

2292 SHIPROCK RD. • GRAND JUNCTION, CO 81503
1-800-20-PHOTO (74686) OR (970) 244-8855
www.dramaticlightphoto.com • e-mail: joe.lange@dramaticlightphoto.com

WOULDN'T YOU RATHER BE IN COLORADO?

Colorado. Better scenery. Better vacations. Better order your free Visitors Guide and visit us on the Web.

COLORADO
1-800-COLORADO · WWW.COLORADO.COM

▲ Circle No. 162 on Reader Service Card.

Savannah
Experience Historic Savannah from a local's point of view with
Savannah Photographic Workshops
5 Eaton Lane, Savannah, GA 31419
Toll-Free: (888) 232-5282 Local: (912) 925-6229
www.phototrekking.com

SHOOT THE ROCKIES!
SCENIC & WILDLIFE PHOTO WORKSHOP
June 1-5, 2000, Estes Park, Colorado
Enrollment limited to 12
Tom Ulrich, International Wildlife Photographer of the Year winner, leads a team of 3 instructors to Rocky Mountain National Park. Sponsored by Kodak & Nikon. For complete information:
www.edonnet.com/rmowp/index.html
PHONE: (405) 743-0999 FAX: (405) 744-7104
E-MAIL: catsis@okstate.edu

Picture This...

Largest collection of wild cats—22 species, including white servals. Geoffrey Cats to Siberian tigers, all in natural enclosures. Photo safaris from 3 hours to 3 days; on-site accomodations available.
WildLife On Easy Street
www.WildLifeOn EasyStreet.com
(813) 920-4130

Nature & Wildlife
PHOTO WORKSHOPS
1-800-866-8655
Instructional photo workshops by Jerry & Barbara Jividen held in diverse North American locations.
Call for FREE information or visit:
www.imagesunique.com

▲ Circle No. 243 on Reader Service Card.

WESTERN ADVENTURE
East Yellowstone
PHOTOGRAPHY & FAMILY FUN
Just minutes from the East Entrance of **Yellowstone National Park** and **Cody, Wyoming,** our historic guest ranches offer a authentic western family adventure.
1 (307) 587-9595
P.O. Box 21 OP, Wapiti, WY 82450
www.yellowstone-lodging.com

WORKSHOPS IN MONTANA
- GUM BICHROMATE
- PLATINUM/PALLADIUM
- BROMOIL TRANSFER
- CARBON PRINTING
- DAGUERREOTYPE
- POLAROID TRANSFER
- WET-PLATE COLLODION
- ALBUMEN PRINTING
- PINHOLE PHOTOGRAPHY
- LARGE FORMAT AND PYRO
- LARGE FORMAT RETREAT AND MORE!

REQUEST YOUR WORKSHOP CATALOG TODAY
PHOTOGRAPHERS' FORMULARY
WORKSHOPS IN MONTANA
CALL 1-800-922-5255
www.workshopsinmontana.com

Horse Plains Photo Adventures
- Expert guidance in small groups
- Photograph wild moose, sheep, goat, elk, mule deer, white-tailed deer, black bear, small mammals and birds in their natural habitat
- Including Glacier Natl. Park and Natl. Bison Range

Contact us at: **837 Swamp Creek. Rd., Plains, MT 59859**
(406) 826-3221

allen rokach's CENTER FOR NATURE PHOTOGRAPHY
2000 WORKSHOPS
WILDFLOWERS OF THE ROCKIES
JULY 8-15
COASTAL LANDSCAPES OF MAINE
OCT 1-8
WESTERN LANDSCAPES
OCT 13-22
BIRDS AND DUNES OF NEW MEXICO
DEC 2-8
For further information call or write:
CENTER FOR NATURE PHOTOGRAPHY
3916 Glenwood Ave., Birmingham, AL 35222
(205)595-LOOK or (205)877-6956
email: allenrokach@mindspring.com web: www.centerfornaturephoto.com
SPONSORED BY EASTMAN KODAK COMPANY

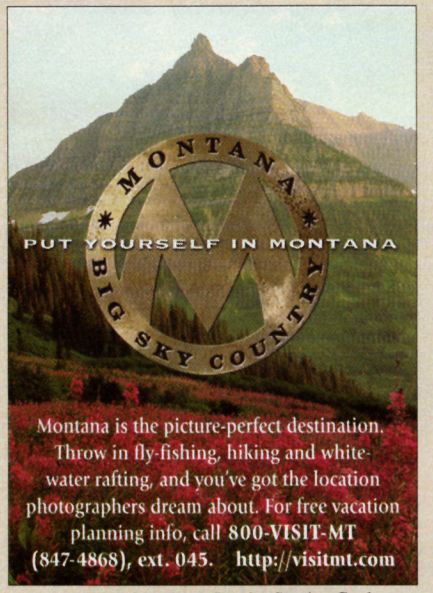
EXPOSE YOURSELF TO ALASKA
with David Stout
Professional wildlife photographer & teacher
Bears, whales, seals, glaciers & more
from Wrangell, July 7 & 15
dstout@vail.net or (970) 328-5418
see Web page: www.photovail.com

MONTANA PHOTO WORKSHOPS 2000

JULY 12-16	The magic of the Yellowstone ecosystem
AUG. 15-19	Missouri River Float: A leg of the Lewis and Clark journey
OCT. 1-5	Fall color in Charlie Russell country

TO REQUEST INFORMATION: 1-888-567-8531
www.artisanworkshops.com

MOUNTAIN LIGHT WORKSHOPS
present a 1-day "how-to" seminar by
Bob Cornelis and Galen Rowell
Fine Art Digital Printing
May 20, 2000
$195 (students $125)
Learn all about the digital revolution of making the finest-ever prints on archival photographic paper without an optical enlarger from slides or negs. More about ink-jet proofs, dupe transparencies and master files. Tour our on-site digital darkroom w/Fujix printer and view 100 museum-lit LightJet 5000 prints.
1466 66th St., Emeryville CA 94608
(near San Francisco) 510-601-9000
www.mountainlight.com



Montana is the picture-perfect destination. Throw in fly-fishing, hiking and white-water rafting, and you've got the location photographers dream about. For free vacation planning info, call **800-VISIT-MT (847-4868), ext. 045.** **http://visitmt.com**

▲ Circle No. 139 on Reader Service Card.

SANTA FE
WORKSHOPS

120 Photography and Digital Workshops

Request our Free Literature

Phone: (505) 983-1400 Email: sfworkshop@aol.com

www.santafeworkshops.com

Sponsored by
KODAK, CANON, CALUMET, EPSON, and ADOBE

▲ Circle No. 134 on Reader Service Card.

International
FREELANCE PHOTOGRAPHERS Organization
more than 63,000 Members

IFPO

MEMBERSHIP DRIVE
beginners, serious amateurs, professionals

now only $39

Lifetime Membership: ~~$74~~

Join NOW. Get Lifetime Membership, FULL BENEFITS, COMPLETE Membership KIT *including* Permanent Membership Card, Certificate, LIFETIME Subscription to *Today's Photographer* magazine and MORE. IFPO is the

FREELANCER's HEADQUARTERS FOR:

- •Making Money
- •Credentials and I.D.
- •Getting Published
- •Contests & Exhibitions
- •PRESS Assignments
- •Workshops & Merits
- •Portfolio Home Pages
- •Certification
- •Freelance Assignments on the Internet ..and MORE

join now only $39
credit cards 1-800-654-9557

or FAX 336-945-3711 or $39 to IFPO-OP, P.O. Box 777, Lewisville, NC 27023-0777.

IFPO: http://www.**aipress.com**

▲ Circle No. 106 on Reader Service Card.

IRENE HINKE-SACILOTTO
Osprey Photo Workshops & Tours

WV Mountains
18-22 October 2000

Mexico's Gulf Coast
4-12 NOV 2000

www.ospreyphoto.com

2719 Berwick Ave, Balto, MD 21234
(410) 426-5071

▲ Circle No. 235 on Reader Service Card.

WILDERNESS photography EXPEDITIONS

Bears 2000
Knight Inlet Grizzly Bears
Sept. 7-14
Churchill Polar Bears
Oct. 16-20
1(800) 521-7230
Website: tmurphywild.com

MOUNTAIN LIONS WOLVES–BEARS

Canadian lynx, Bobcat, Coyote and most well-known N. American mammals. Wild but controlled by experienced trainers. Can be photographed in completely natural settings near Glacier National Park.

TRIPLE "D" GAME FARM, INC.
P.O. Box 5072, Kalispell, MT 59903
(406) 755-WOLF, http://www.cyberport.net/TripleD
e-mail: tripled@cyberport.net

▲ Circle No. 168 on Reader Service Card.

Joe & Mary Ann McDonald

2000 WILDLIFE
2000 Photo Tours

Complete Nature Photo Course	June-Aug.
Advanced Nature Photo Course	July
Yellowstone Photo Tours	2 weeks in Sept.
Alaska	Aug.-Sept.
Kenya	Oct.-Dec.
Kenya, 2001	Jan.-Feb.

Call or write for COMPLETE brochures

McDONALD WILDLIFE PHOTOGRAPHY
73 Loht Road, McClure, PA 17841-9340
Phone and FAX: (717) 543-6423

http://www.hoothollow.com

▲ Circle No. 107 on Reader Service Card.

"Wild Eyes" Photo Adventures

Photograph wolves, grizzly, Canadian lynx, cougar, bobcat, Siberian tiger, otter, mink, badger and other predators in completely natural settings.

Also available: Birds of prey and a variety of reptiles and amphibians.

For more information and prices about our **workshops** and **photo tours** and **individual photo sessions**, please call us **toll-free** at **1-888-330-5391** or e-mail us at **wildeyes@bigsky.net.** Check also our extensive Web site at **www.wildeyes-usa.com**

NorthLight Expeditions & Workshops
2000 - Our 17th Year
with Brent McCullough

— Expert Guidance in Small Groups —

ARIZONA IN BLOOM	March 25-31
MONUMENT VALLEY & ARCHES	April 15-22
CALIFORNIA COAST	May 18-24
ACADIA & MAINE COAST	June 24-29
COLORADO WILDFLOWERS	July 22-27
YELLOWSTONE & GRAND TETONS	Sept 23-30
ACADIA FALL COLOR	Oct 8-13
SLOT CANYONS, MONUMENT VALLEY AND THE WAVE	Nov 27-Dec 3

96 GORDON ROAD, MIDDLETOWN, NY 10941
1-800-714-1375 or 914-361-1017

OUT & ABOUT NATURE PHOTOGRAPHY WORKSHOPS

Smoky Mtns, Texas Wildflowers, Sequoia NP, Yosemite NP, Olympic NP, Glacier NP, Acadia, Colorado Wildflowers, Grand Tetons
Send for our complete 2000 schedule.
1904 Bonaparte #331 Arlington, TX 76006
call or fax (817) 633-2115
e-mail at: outnabout27@hotmail.com

Exciting Nature Photography Workshops with
CHARLES CAMPBELL

PHOTO NATURALIST

- Scenic U.S. Locations
- Monthly Tours (Feb-Oct)
- Small, Interactive Groups
- ChromaZone Exposure System
- Expert Instruction / 25 Years Experience

FREE BONUS: Register for any of our Photo Workshops and you'll also receive our "Ultimate Photo Tips" audio cassette program, 4 hours of tips, tricks, and photography secrets. (a regular $40.00 value) **Absolutely FREE!**

DON'T MISS OUT!!

Call for free information: 1-877-933-0732

See our complete schedule:
www.photonaturalist.com

CALENDAR PHOTO CONTEST
$500 First Place
Entry Deadline 8/15/00
Send SASE for rules and entry form
NATURAL STATE IMAGES
PO Box 2570, Harrison, AR 72602
www.naturalstateimages.com

Daniel B. McIntyre
PHOTOGRAPHY WORKSHOPS

PHOTOGRAPH THE EASTERN SIERRA
2000 SPRING-SUMMER SCHEDULE

Mono Lake May 4-7 **Alabama Hills** June 1-4

Bodie State Park
August 3-6, 10-13, 15-18

ALL WORKSHOPS ARE LIMITED TO SIX PARTICIPANTS
For more information, please contact:
DAN McINTYRE
32158 Camino Capistrano, Suite A, #119
San Juan Capistrano, CA 92675-3711
PH.(949) 493-5943 FAX (949) 487-9689
E-MAIL: dbmac01@attglobal.net

International

RON ROSENSTOCK

IRELAND

For two decades, Ron Rosenstock's Ireland trips have earned a reputation as a wonderful exploration of the art of photography and of Ireland itself. Trips are offered between March and October.

TUSCANY

Join Ron Rosenstock and excellent local guides on an incredible sojourn in Tuscany. Departures in June, September, October.

THE PHOTOTOUR NETWORK®

Call 1-800-633-0299

www.voyagers.com

SHUTTERTRIPS

For Award-Winning Photo Opportunities

with Lyle Lawson

with Lyle Lawson

Orthodox Ethiopia's
Christmas & Epiphany Celebrations
are highlights of
MONASTERIES, MARKETS & MOUNTAINS
4-23 JANUARY, 2001

TRIBAL LIFE OF ETHIOPIA
25 January - 8 February, 2001

SHUTTERTRIPS: 2707 Congress St.
Suite 2-G, San Diego, CA 92110
Call for details 1-800-727-4359

▲ Circle No. 197 on Reader Service Card.

---

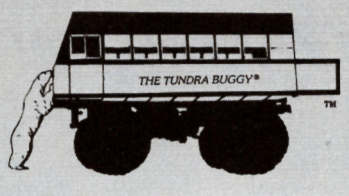
broaden your vision — broaden your mind

PHOTOGRAPHIC HOLIDAYS AND WORKSHOPS
Tuscany CENTRAL ITALY Umbria
P.O. Box 6191 Bologna, Italy
tel (39) 347 2752630 fax (39) 051 6920825
www.cameraetrusca.com
info@cameraetrusca.com

JOIN US ON THE ORIGINAL

TUNDRA BUGGY®

FOR AN EXPERIENCE OF A LIFETIME



Visit Churchill, Manitoba The Polar Bear Capital of the world

All-inclusive packages at Polar Bear Point and at Cape Churchill

Call for information
Tundra Buggy Tours®
1 (800) 544-5049
Fax: 1 (204) 667-1051
e-mail: tbtours@ix.netcom.com

▲ Circle No. 176 on Reader Service Card.

CLOSE-UP EXPEDITIONS

Photo-Adventures Worldwide

- **Smallest Groups • Pro photo leaders**
- **Itineraries perfect for photography**

Slot Canyons, Escalante,
Palouse Country, England
Syria, Jordan & Lebanon, Colorado
Oregon, Canadian Rockies, Italy
Santa Fe, Taos & Balloons & more

info@cuephoto.com
www.cuephoto.com

858 - 56th Street
Oakland, CA 94608
800 457-9553

GALAPAGOS travel

Specializing in comprehensive, professionally-led, natural history & photo tours of the Galápagos Islands. Monthly departures/ 16 passenger yachts.
GALAPAGOS TRAVEL • (800) 969-9014
783 Rio Del Mar Boulevard, Suite #47, Aptos, CA 95003

▲ Circle No. 234 on Reader Service Card.

Adventure Swiss Alps Up-Close

PHOTOGRAPHIC WORKSHOP

First of its kind!!! Actively participate in alpine events and attend World Cup races while creating your inspirational portfolio.

Igloo building, snowshoeing, paragliding, glacier flights
www.alpinphoto.ch • e-mail: alpinphoto@swissmountains.ch

GREAT BEAR NATURE TOURS

Grizzly bear photo trips into the Great Bear Rainforest of British Columbia. Safari style wilderness camps with gourmet food. All trips guided by a wildlife biologist. Birding trips to sites with populations of over 1 million pelagic birds including tufted puffins. Small groups.
888-221-8212 www.greatbeartours.com

African Wildlife Photo Tours

Geared for the serious photographer. Maximum 5 persons per tour. With more than 180 game reserves in Southern Africa, it is a feast. Specify your desires and an exciting program will be tailored just for you.
H (BERT) MANSON APSSA
PERSONAL PHOTOGRAPHIC SERVICES CC
Box 2810, Somerset West 7129, Republic of South Africa
Fax + 2721 851 1447 • e-mail: bertfot1@iafrica.com

France Photogenique

unique photo tours to unusual places

Paris & Monet's Garden - May 18-23 & Sept. 28-Oct.3
The Pilgrims' Route of Southern France - May 7 -16.
The Hilltop Villages of the French Riviera - Oct. 7-16.
e-mail: FraPhoto@aol.com *ph&fax:(310) 378-2821*

Photo Explorer Tours

Efficient & economical access to some of the world's best photographic opportunities:

TURKEY - June 2000
ICELAND - Aug 2000
IRIAN JAYA Stone Age - Aug 2000
CHINA Mountains & Waters - Sept 2000
BURMA (Myanmar) - Oct 2000
ETHIOPIA Two Itineraries - Jan 2001
More in 2001: **INDIA, MALI, N. ZEALAND, GUATEMALA, CHINA, IRELAND, TIBET**

2506 COUNTRY VGE ANN ARBOR MI 48103
800-315-4462
www.denniscox.com/tours.htm

GALAPAGOS!

Two weeks of photo magic on the new 15 passenger yacht, "Sagitta"

June 26 – July 13, 2000
$4550

Also in 2000: Antarctica, Africa and India!
Non-smoking Policy • Air not included

Cheesemans' Ecology Safaris
20800 Kittredge Road, Saratoga, CA 95070
800-527-5330 www.cheesemans.com

---

advertise

your travel tours & photo workshops

here

contact
pamela perrine
(310) 820-1500, ext. 154
pperrine@wernerpublishing.com

We'll Lead You To Places that Bear Watching.

We've pioneered for more than a decade some of the most popular and exciting trips now available to the outdoor photographer. **Upcoming departures include:**

Walruses of Igloolik (June & July)
Arctic Wildlife of Wager Bay (July)
Wildlife of British Columbia (Sept.)
Wildlife of Japan (Jan./Fed. 2001)
& More!

Year-round Departures:
Galapagos Islands
Mainland Ecuador
Peru - Machu Picchu & More!
Belize - Rainforest & Reef

PLUS, the Polar Bears of Churchill, including the legendary bears of Cape Churchill with *Wolfgang Kaehler & George Lepp* !

All tours use original Tundra Buggies®

International Wildlife Adventures
P.O. Box 1410, Vashon, WA 98070
(800) 593-8881
Email: info@wildlifeadventures.com
www.wildlifeadventures.com

photoalley.com

CALLING *ALL* CAMERA CLUBS!

SPECIAL OFFER FOR CLUB MEMBERS ONLY!

Discount subscription rates for

Outdoor Photographer®

For information, write on club stationery to:
Outdoor Photographer • Attn: Eric Lowenbach
12121 Wilshire Blvd., Suite 1200,
Los Angeles, CA 90025

A New Perspective

(Cont'd from page 117)

a meadow's edge with a beautiful pond in the foreground. While composing with a wide-angle lens, I realized that the most dynamic part of the image was a single tree. The clean silhouette of this tree reveals a history of growth while the other trees were tangles of confusion. I quickly reconsidered and chose an 800mm lens I had on loan from Sigma, producing a powerful image of fall transformation by eliminating the grand scene and focusing on one tree.

Photographing at Delicate Arch in Utah early in the morning, I found a line of photographers elbow-to-elbow along the opposing ridge. I saw dozens of wide-angle lenses aimed at the famous arch. I asked myself if it was worth it to squeeze in and get a standard stock shot. Or, could I do something different?

I returned well after dark when everyone had gone and listened to the noises of the night as I set up my camera with an 80-200mm to shoot star trails over the arch. It was biting cold in the desert night, and I decided to start with new batteries for the six-hour timed exposure. I didn't have the film I'd normally shoot in this situation, so I loaded the camera with Fujichrome Velvia, which shifts green over a multiple-hour exposure. After opening the shutter, I scrambled up to the arch and flashed it three times with a large Metz strobe. Uncertain of what I'd get, I was pleased with the stars shining in the greenish sky, contrasting the warm tones of the illuminated arch.

One of our biggest challenges as photographers is to strive constantly to find a new way of seeing the world around us. It's also one of photography's greatest rewards. The next time you find yourself scoping out a critter with a long telephoto lens, pause and think about it for a moment. Maybe you can tell a different story about that animal with a wide-angle lens that shows the environment as well. Likewise, as you stand before a broad landscape with your trusty wide-angle lens on your camera, take a second and think about experimenting with a telephoto. Mix it up. You'll find that you can get a whole new way of seeing the world. **OP**

OP ON THE WEB
WWW.OUTDOORPHOTOGRAPHER.COM
See: "Tamron's Extreme Zoom" (Jul./Aug. '99)
And "New World Of 14mm" (Nov. '99)

Photo by: Donna Morus Worcester, Massachusetts

Turn YOUR PHOTOS Into Greeting Cards

No minimum purchase required
Printed on recycled stock with soy-bean based inks

FREE CATALOG & SAMPLE **800-550-9254**

Photographer's Edge, Inc.
855-C Garden of the Gods Rd.• Colo. Spgs, CO 80907
www.photographersedge.com

▲ Circle No. 256 on Reader Service Card.

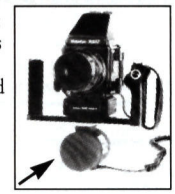
BRIGHTER IS BETTER.

BEATTIE INTENSCREEN™ focusing screens brighten the view through your 35mm, medium or large format camera, making focusing a snap!

BEATTIE INTENSCREEN
By Fresnel Optics, Inc.
1300 Mt. Read Boulevard • Rochester, NY 14606
Phone: (716) 647-6287 • Fax: (716) 254-4940
www.intenscreen.com

▲ Circle No. 120 on Reader Service Card.

GET STABILIZED



When a tripod just won't work, our gyro stabilizers fit **ANY CAMERA,** providing sharp handheld exposures of up to a second on land, and broadens parameters for aerial or ship-based photographers. Call us for a free brochure of our various units, prices and rental costs.

KEN-LAB
29 PLAINS ROAD, ESSEX, CONNECTICUT 06426
(860) 767-3235 • (800) 253-4681
FAX (860) 767-7843
www.ken-lab.com

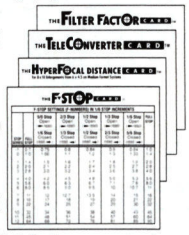
▲ Circle No. 171 on Reader Service Card.

BECOME A PHOTOGRAPHER!
Home study. Learn camera operation, lighting, composition, lenses, darkroom, digital, and more. **Free career literature.**
CALL TODAY: 800-223-4542
Name _____ Age _____
Address _____ Phone (___) _____
City/State _____ Zip _____
School of Photography, Dept. PHF193
PCDI, 430 Tech. Pkwy., Norcross, GA 30092

FIND THE RIGHT SETTINGS FOR GREAT PHOTOGRAPHS

Take the guesswork out of finding the right F-stop settings... Maximize your depth of field...Know your effective focal length and F-stops with teleconverters...Turn filter factors into F-stop adjustments. **Precision Photography Cards** make it easy!

- **F-Stop Card**
- **Hyperfocal Distance Card**
- **Teleconverter Card**
- **Filter Factor Card**



Each laminated, full-page card is precise and easy to use. And, if you order now, you'll receive FREE a handy pocket-size version of each card as a bonus to carry with you anywhere. 8 cards total. At selected retailers or just $19.95 postpaid from Prism Printing. *Order today!* ***Satisfaction guaranteed or your money back.*** *Dealer inquiries invited.*

Please specify camera format for Hyperfocal Distance Card – 35 mm; 6x4.5 cm; 6x6 cm; 6x7 cm; 4x5 in; 5x7 in; 8x10 in.

Send to: Prism Printing and Graphics
P.O. Box 1593, Dept. OP, Barrington, IL 60011

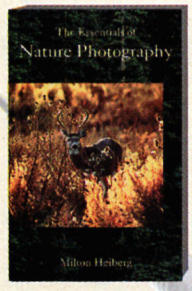
▲ Circle No. 109 on Reader Service Card.

"As much info as some entire books" 40-page magazine details our 21 fine models, but also explains how all canoes are designed, and how to find the ideal one for you. Don't buy *any* canoe without reading this.

CANOE
We·no·nah

Superb canoes built of Kevlar® & Royalex®
P.O. Box 247 Winona, Minnesota 55987
Phone 507-454-5430 www.wenonah.com

▲ Circle No. 254 on Reader Service Card.



Read this book

192 pp + 8-pp color insert
Paperbound 19.95 US
Hardcover 28.50 US

The Essentials of Nature Photography
by Milton Heiberg

. . . well organized reference for any photographer, whether novice or professional. This book has a place in your library.
Dick Watkins, Nature Photography Magazine

. . . probably the best handbook of nature photography ever written.
Bogen Photo, Inc.

at **Bookstores now** or call
(888) 211-TERN (8376)
http://sites.netscape.net/ternbookusa/essentials

(Cont'd from page 46)

Shiva and his divine wife, Parvati. And Buddha's birthday celebration, to boot!

The Tarboche Festival: We were there for the full-moon observance associated with Buddha's birth and enlightenment. More than 1,000 pilgrims in their sartorial Tibetan best convened to witness the raising of the Tarboche pole, a Maypole-type structure dressed with miles of fluttering, multicolored prayer flags.

On the eve of the group's four-and-half-day *kora*, or circumambulation of Mount Kailas, I unexpectedly experienced the dawning of my next photographic incarnation. How best to explain? Well, key to the concept of reincarnation is death, of course. The Buddhists have this unsettling practice of dismembering the deceased on a charnel ground; they leave the body parts for the birds and to scavenger dogs. Such a sky burial site exists just above Tarboche.

Being given to ritual, Halifax Roshi led us to the charnel ground where we individually previsualized our own deaths. Avoiding yucky anatomical bits, wiry wads of black Tibetan hair and suspicious pink puddles, I lay on the ground sunny-side up. Settling into the ceremony, I felt a phase-shift coming on; I sensed something egocentrically elemental draining from my system.

Next morning, I played back my emotional tape, tapping into what was dying. Aware that minority cultures worldwide were gradually being marginalized, I was sad that I'd probably never again see such a spectacle of Tibetan exoticism. I was overwhelmed by the privilege of having seen and recorded so much cultural authenticity. Then I honored the fact that my photographic imperatives had reincarnated, yet again. No longer am I so needy: Don't need more ego-images; don't need editorial approbation; don't need a personal style; don't need to control the universe; don't need to feel exotic by osmosis. Nothing wrong with that: What's next?

Aware of the fact that over the years my creativity as expressed through travel photography has morphed with the personal pilgrimage, I ask myself: What do I need for the new millennium? Nothing short of a rebirth in image-making—a photographic mountain based on the practice of higher mindfulness: one step, one breath at a time. Nothing wrong with that! **OP**

renegade photographer and her marketing maniac husband reveal
"How to make $2,970.00 in one weekend photographing people and pets..." ***Photographers,*** cash in on what *Entrepreneur Magazine* called one of the "12 hottest," and *Small Business Opportunities* one of the "50 Top Boom Businesses." Find out now how you can have your own business from **HOME, STUDIO,** or **ON LOCATION.** Be open when you want, **TAKE MONTHS OFF** if you like, *plus*, have **CLIENTS AUTOMATICALLY CALLING YOU!**
FREE BOOK REVEALS THE SECRET!...
Write to *Not Your Normal* photography,™
OD50, 600 Kelly Rd., Carthage, NC 28327

Hallmark Institute of Photography

- Resident 10 month program in Turners Falls, Massachusetts, teaching photography & business.
- **Call 413 863-2478.**
- www.hallmark-institute.com
  E-Mail: HALLMARK@TIAC.NET

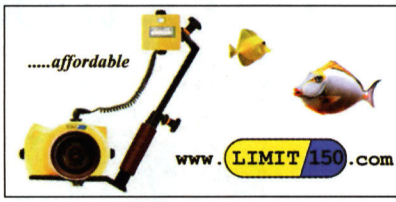


Photo Traveler
Travel Guides Written for Photographers
Wildlife
National Parks
Slot Canyons
and more. For a free catalog:
800-417-4680
P.O. Box 39912, Los Angeles
CA 90039; (323) 660-8600
phototravel@phototravel.com
www.phototravel.com

▲ Circle No. 118 on Reader Service Card.

E-6 and Super Gloss at it's best!
by CHROMACOLOR
619-232-9900 • www.chromacolor.com

THE ORIGINAL BUG SHIRT COMPANY
Still keeping biting insects at bay

Celebrating ***10 YEARS*** *of Blood Protection with the* ***"ELITE EDITION"***

1-800-998-9096 **www.bugshirt.com**

Graphik Dimensions Ltd.©
NEW
Economy Metal Frames
Top Quality Frames at Rock Bottom Prices

8 Fabulous Finishes:
Shiny Black, White, Gold, Frosted Gold, Silver, Frosted Silver, Gunmetal, Frosted Gunmetal.

FREE assembly hardware, hangers, spring clips, wire and wall savers included.

Your 100% Satisfaction Is Guaranteed.

Order Information
- Indicate profile and color.
- Provide the exact outside measurements of your artwork.
- Prices are for 2 equal length sides (1 Pair). Order 2 pair to make 1 frame.
- Fractional sizes available in 1/8" increments priced to the next whole inch.
- Shipping & Handling: Add 10%–Minimum $6.00.
- NC Resident Add 6% Sales Tax. Orders ship next business day.

5/16
#777 7/16
(Actual Size)
5/16
#888 7/16

Minimum Quantity: 5 pairs per size.			
Pair Size	Price	Pair Size	Price
8"	$1.36	17"	$2.89
9"	1.53	18"	3.06
10"	1.70	19"	3.23
11"	1.87	20"	3.40
12"	2.04	21"	3.57
13"	2.21	22"	3.74
14"	2.38	23"	3.91
15"	2.55	24"	4.08
16"	2.72	25"	4.25
over 25" add 17¢ per inch			

Call Now For FREE Samples and our 40 Page Catalog
1-800-221-0262
or Fax: 1-336-887-3773
2103 Brentwood Street, High Point, NC 27263
S00GG00

▲ Circle No. 124 on Reader Service Card.

DOS, Windows, and Macintosh versions available
The CRADOC CaptionWriter
turns this .... into this

- difficult to read
- slow and awkward to do
- unprofessional appearance

- easy to use
- cuts captioning time by 75%
- holds up to five lines
- professional appearance
- Alphanumeric sequential numbering
- ASCII database capabilities
- recommended by stock agencies
- for laser, inkjet or dot matrix printers
- prints copyright symbol ©
- prints 3 types of bar codes

Perfect Niche Software, Inc.
6962 E. 1st Ave. Suite 103, Dept.OP
Scottsdale, AZ 85251
fax (480) 949-1707
email: *sales@perfectniche.com*
support: *techsupport@perfectniche.com*
or visit our webpage at
http://www.perfectniche.com

$69.95 plus S&H

For more information or to order call (800) 947-7155

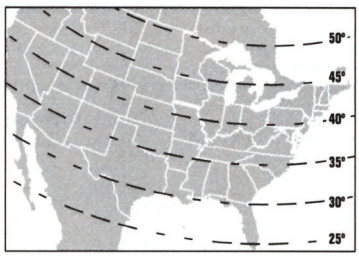
New Version
fotoQuote 3.0™
The software for pricing and selling stock photos
1-800-679-0202
www.cradoc.com

OMNI-BOUNCE
Used by Professionals around the world, to achieve soft natural lighting with most of the popular brand flash units. Ideal for wide angle shots, macro work, portraits and news coverage. Custom mounting with no Velcro required. Specify your strobe when ordering.
Only: $19.95 + $2.00 shipping. Visa & Mastercard
STO-FEN PRODUCTS • 800-538-0730
P.O. Box 7609, Santa Cruz, CA 95061, USA
www.stofen.com

Light Boxes . . .
"Hall Light Boxes are the best! We've used them for years with 100% satisfaction."
John & Barbara Gerlach

www.hallpro.com 1-800-366-6057
Hall Productions, PO Box 3505, San Luis Obispo, CA 93403

ALMANAC



This chart will help you be in the right place at the right time by allowing you to plan your sunrise, sunset, moonrise and moonset photos ahead of time. You'll know exactly where to be with your camera for the photo composition you want to make long before the sun reaches the horizon. Find the nearest date at top and the latitude nearest your own in the column at left. Where the two intersect, you'll find the true (or map) bearings for rise (R) and set (S), rounded to the nearest degree. When using a compass to find the spot on the horizon where the sun or moon will rise or set, obtain the magnetic declination (variation) for your area from a USGS topographic map or other source. If the declination is east, subtract it from the bearing listed below to obtain the magnetic compass bearing. If the declination is west, add it. The result is the compass bearing to use in the field. *All data in Almanac is based on the comprehensive SUNTRACKER program, written by Charles Krebs, (425) 644-0077, fax (425) 644-1103.*

SUNRISE/SUNSET

Latitude	May 6	May 13	May 20	May 27
25° N	R-071	069	067	066
	S-289	291	293	294
30° N	R-070	068	066	065
	S-290	292	294	296
35° N	R-069	067	065	063
	S-291	294	296	297
40° N	R-067	065	063	061
	S-293	296	298	299
45° N	R-065	062	060	058
	S-295	298	300	302
50° N	R-062	059	057	054
	S-298	301	304	306
55° N	R-059	055	052	049
	S-302	305	309	311
60° N	R-053	049	045	041
	S-307	312	316	319
65° N	R-045	039	033	027
	S-316	322	328	334
70° N	R-029	015	—	—
	S-333	348	—	—

FULL MOONRISE/MOONSET

Latitude	May 16	May 17	May 18	May 19
25° N	R-102	106	110	112
	S-261	256	252	249
30° N	R-102	107	111	113
	S-260	255	251	248
35° N	R-103	108	112	115
	S-260	255	250	247
40° N	R-104	109	114	117
	S-259	254	249	245
45° N	R-105	111	116	119
	S-258	252	247	243
50° N	R-107	113	119	122
	S-257	250	245	240
55° N	R-109	116	122	127
	S-255	248	241	236
60° N	R-112	121	128	134
	S-253	245	237	230
65° N	R-117	127	137	145
	S-250	240	230	221
70° N	R-124	139	156	—
	S-245	232	217	202

MOON PHASES

● New	May 3
◐ First Quarter	May 10
○ Full Moon	May 18
◑ Last Quarter	May 26

VISIT OUR WEB SITE AT WWW.CAMBRIDGEWORLD.COM

Cambridge Camera Exchange, Inc.

CARING FOR YOU OVER 35 YEARS AND YOUR CAMERA

TOLL FREE ORDER LINE: (800) 221-2253

INFORMATION & ORDERS: (212) 675-8600

24 HR. FAX ORDER LINE: (212) 463-0093

E-MAIL: bestdeal@cambridgeworld.com

WHOLESALE DEPT. : (212) 924-8660

CUSTOMER SERVICE : (212) 255-3744

A CUSTOMER WRITES: "I really appreciate your service, and it was a pleasure speaking with you over the phone." - J. B. Seymour, IN

WE MOVED TO A LARGER LOCATION! OUR NEW ADDRESS:

119 WEST 17th ST.

(Between 6th and 7th Avenues)

NEW YORK, NY 10011

STORE HOURS
Weekdays: 9-6
Thursday: 9-7
Sunday: 10-5

SAME DAY & OVERNIGHT DELIVERY AVAILABLE!

WE SHIP ANYWHERE IN THE WORLD • WE ALSO EXPORT & IMPORT

VISA MasterCard DISCOVER NOVUS American Express DINERS CLUB JCB COD MAIL LEASING AVAILABLE!

CANON

CANON EOS 1 N... 959.50 CANON EOS 1RS.. 1549.50
CANON EOS 1N Ltd224.95 CANON Rebel G.... 194.95
CANON EOS 1N...318.95 CANON Elan II.... 298.95
CANON Elan II E ..328.95 CANON EOS 1 ..789.50
CANON A2.....439.50 CANON A2E1 ..428.95
CANON EOS 3....1198.50 CANON EOS 2000 ..238.95
CANON AE1, AT1, AE1 Prog., A1, T90, T70, T60 ....CALL
CANON 1000 F.....124.95 CANON 540Z ..288.95

LENSES FOR MOST CANON CAMERAS

19-35/3.5 ..169.95 100 Macro.....199.50
20-35/3.5 ..749.50 100-300/4.5 ..179.95
28-200/3.8 ..178.95 100-400/4.5 ..299.95
28/2.8 ..148.95 70-210/4 ..119.95
28-80/3.5 ..99.95 70-210/2.8 ..699.
35-80/4 ..76.95 75-300/4.5 ..158.95

CANON ULTRASONIC (USM) LENSES FOR EOS

17-35/2.8 ..998.95 20-35/2.8 ..929.50
28-70/2.8 ..989. 100 Macro.....199.50
75-300/4.5 ..438.95 28-80/3.5 ..88.95
75-300/4.5 ..358.95 28-105/3.5 ..174.95
28-135/3.5-5.6 ..428.95 35-350/3.5-5.6 ..1,389.50
100-300/4.5 ..218.95 100-400/4.5-5.6 ..1,499.
85/1.8 ..288.95 85/1.2 L ..1175. 600/4 ..6,999.
14/2.8 ..1,789. 180/3.5 ..1,239. 70-200/2.8 ..1088.95
200/2.8 ..639.95 300/2.8 L ..3549. 400/2.8 ..5,799.
50/1.4 ..288.95 100/2 ..369.95 300/4 ..265.
2x Auto Focus Tele Converter for Canon ..89.95
CANON EFLIN (EOS)188.95 CANON 7115 ..168.95
CANON EFLIN 370248.95 CANON7135 ..178.95

MINOLTA / MAXXUM

MINOLTA X370 ..188.95 X700 ..178.95

MINOLTA X370 & PRICE OUTLET

• MINOLTA X370 ..Lens Cleaning Tissue
• 35-70 MD Zoom ..Cleaning Fluid
• Electronic Flash ..Lens Brush
• Wide Strap
• Slide Viewer All for Only 234.95
MINOLTA X700 & Price Outlet ..288.95
21mm ..149.95 28/2.8 ..49.95 135/2.8 ..469.95
35/2.8 ..39.95 200/3.5 ..79.95
300/5.6 ..119.50 500/8 ..119.95
28-70/3.5 Zoom Lens for Minolta ..99.95
28-200/4 Zoom for Minolta ..199.50
35-70/3.5 Zoom Lens for Minolta ..89.95
70-210/4 Zoom Lens for Minolta ..89.95
75-150 Zoom Lens for Minolta ..59.50
75-300/4.5 Zoom Lens for Minolta ..169.50
400-800/5.6 Lens for Minolta ..449.50
Auto Winder for Most Minolta ..39.95
2X Tele Converter ..39.95 3x Tele Converter ..79.95
Auto Extension Macro Tube for Closeup ..19.95
Boom Camera Dedicated Flash ..69.95
Minolta Weathermatic Dual Kit ..138.95
MINOLTA TC1 Titanium ..244.95
90 Zoom Kit ..63.95 Orion ..158.95
140 Ek Kit ..218.95 Sightseer Zoom ..84.95
GX1 ..48.95 GX2 ..68.95
GX3 ..48.95 GX4 ..74.95

MINOLTA 28-300 Autofocus Zoom Lens For The Minolta, Maxxum and Dynax
NEW! Maxxum 9 (Dynax) ..1,299.50

MAXXUM 500si & PIECE OUTFIT

• MAXXUM 500si ..Lens Cleaning Tissue
• 35-80 Zoom ..Cleaning Fluid
• Film Holder ..Lens Brush
• Wide Strap ..Flash
• Slide Viewer All For Only 298.95
• MAXXUM XTsi & Piece Outfit ..369.95
• MAXXUM HTSi Outfit As Above ..329.95
• MAXXUM 300Si & Piece Outfit ..234.95
• MAXXUM 400Si & Piece Outfit ..258.95
• MAXXUM 600Si & Piece Outfit ..419.95
• MAXXUM 700Si & Piece Outfit ..564.95
• MAXXUM 800Si & Piece Outfit ..729.50

28-70 Auto Zoom for Maxxum ..148.95
35-135 Auto Zoom for Maxxum ..149.95
75-300 Auto Zoom for Maxxum ..157.95
MAXXUM Guide Book ..12.95
MAXXUM to Screw Mt. Adapter ..19.95
Extension Tube Set for Maxxum ..79.95
1.4x Auto Focus Tele Converter ..99.95
1.5 x Auto Focus Tele Converter ..79.95
1.7x Auto Focus Tele Converter ..99.95
2x Auto Focus Tele Converter ..99.95
T Mount for Maxxum ..39.95

EIGHT "EXCELLENTS" OUT OF A POSSIBLE EIGHT!

Cambron 500mm F8 TOP RATED TELEPHOTO LENS

F	CENTER	F	CORNER
8	Excellent	52	Excellent
11	Excellent	54	Excellent
16	Excellent	58	Excellent
22	Excellent	40	Excellent

RESOLUTION IN LINES/MM

500MM F8 $99.95

Lens Case ..9.95 Custom UV Filter ..16.95
Custom Shade ..9.95 Rotating Polarizer ..26.95
Multi Coated Model ..Add 29.95
2x Tele Lens for the 500mm Telephoto Converts the Lens to a 1000mm Super Power Telephoto Lens ..34.95

TELE OUTTFIT All for only $149.95

• 500mm Cannon Tele
• 2X Cambron Focal Length Doubler
• Case for Lens • Custom Sun Shade

500MM F/8 COMPACT MULTI COATED MACRO, 10 POWER MIRROR LENS
For most 35mm SLR Cameras $199.95

LEICA

CAMBRIDGE IS AN AUTHORIZED LEICA DEALER

WE CAN SUPPLY THE ENTIRE LINE OF LEICA EQUIPMENT AT DISCOUNT PRICES
CALL OUR LEICA EXPERT HANS CULLMANN

LEICA Collectors Cameras and Accessories Available
Limited Edition Lenses from Rochester Commemorative
Platinum Leica M6, Gold R3, R4 Gold M4-2 ..IN STOCK
Gold Replicas, Jubilee, Royal Wedding etc. ..CALL
LEICA Elmstack Kit ..4.95

Leica Mini 3 ..164.95 LEICA Mini II Outfit ..329.95
Minilux Zoom ..689.50 Mini Zoom Kit ..169.95
LEICA Minilux ..538.95 LEICA Z2X Kit ..208.95
Black Minilux ..IN STOCK LEICA Amp ..199.95
LEICA Platinum ..CALL LEICA Rs II ..1,495.
LEICA M6 ..1,499. Gold Leicas ..CALL
LEICA M6 TTL ..1,749. LEICA M6TTL 0.85 ..1,799.
LEICA Jubilee ..CALL LEICA R7 ..1,279.
LEICA M6 Mirnag ..1,689. M6 Titanium ..1,995.
LEICA R-Lyte ..1529.95 LEICA Super-Vario-Elmar ..CALL
Lenses in Stock ..CALL Digitals ..IN STOCK

LARGE SELECTION OF NEW AND USED LEICA LENSES IN MECHANICAL LENSES IN STOCK

Leica Book - The First 70 Years ..44.95
Above EQ is Demo

DESIGN WATCH IN NEW GOLD M and R Cameras STOCK

15/4.5 ..398.95 21mm ..199. 25/4 ..298.95
28/3.5 ..298.95 35/1.4 ..599.95
Tri-8 Zeiss Hologon 12.695. 21mm Lens ..199.50
500mm F8 Lens for Leica Cameras ..349.50

KONICA

Konica TCX, FT1, FS1, FP1, TC, T3, A3, T ..CALL
Konica Lenses ..CALL
KONICA 320 ..49.95 KONICA x24 & x36 ..CALL

LENSES FOR KONICA — IN STOCK CALL!

7 ELEMENT TOP QUALITY 2X 79.95
Multi Coated Auto Tele Converter for Konica

WE HAVE MORE THAN 1,000 LENSES AND ACCESSORIES IN STOCK FOR KONICA CAMERAS, FOR MORE INFORMATION — CALL OUR MAX

KONICA ZUP 135 Super Outfit ..148.95
Mini 6102 ..118.95 Mini S102 ..108.95
Big Mini Jr Outfit ..49.95 ZUP 140 ..178.95
Hexar Outfit ..388.50 Hexar Classic ..CALL
RHODIUM ..CALL KONICA REVIO 138.95

UNDERWATER

SEA & SEA Motor Marine II ..344.95
SEA & SEA Motor Marine MM-X ..228.95
SEA & SEA 5000 ..Call Sea Horse ..CALL
SEA LIFE 35 Waterproof to 100 ft. ..78.95
Reefmaster 1364 ft depth ..148.95

NIKONOS V BODY 508.95

35 2.8 UW ..1369.50 20 2.8 UW ..599.95
28 3.5 UW ..288.95 80 4 Nikkor ..298.95

UNDER WATER VIDEO EQUIPMENT SPECIAL FOR NIKONOS OWNERS!

Nikon SK132 Extension & Close Up Lens ..69.95
132mm F3.5 Lens for Nikonos ..798.50
Subal and Ikelite Underwater Housings ..CALL

KODAK

ADVANTIX

2100 ..49.95 5800IX ..289.95 3200 AF ..59.95
3600 ix ..68.95 3700 ..64.95 4100 ix ..108.95
5800 IX ..$650 ..108.95 6700 ..138.95
Collector's Guide to Kodak Cameras ..11.95
300 Page Guide Book Kodak Cameras ..39.95

LARGE SELECTIONS OF KODAK CHEMICALS AND PAPERS IN STOCK

SAMSUNG

MAXIMA W/38-145 SCHNEIDER VARIOPAN ..178.95
Maxima 70 ..69.95 70 Alpha ..94.95
705 ..114.95 105 ..118.95 90i ..138.95
115 ..136.95 130 ..158.95 ECX2 ..166.95
ECX1 w/38-140 Lens ..249.95 AF 90 ..199.95
SAMSUNG SR400 w/1.4 Schneider Lens ..369.50

RICOH

RICOH SLR CAMERAS

KR 5 ..99 KR10M ..134.95 KR5II ..134.95
XR 7M ..169.95 XRP ..CALL XRM ..CALL
Ricoh SR Solar ..169.95 XRX/SP ..229.95

ALL CARRY A LARGE SELECTION OF LENSES AND ACCESSORIES FOR THE RICOH CAMERAS

RICOH Mirai 3 ..159.95 105 Plus Kit ..219.95
RICOH Short Master Zoom Super ..159.95
RICOH Shot Ultra Zoom Kit ..149.95
Shotmaster II Zoom Outfit ..189.95
TRV Zoom Outfit ..129.95 81 Ultra Thin Outfit ..198.95
Shotmaster 130Z Orfit ..158.95
Shotmaster 310 PZ Outfit 198.95 RICOH GR1 338.95

FILTERS • FILTERS

WE CARRY MORE THAN 30,000 FILTERS AND ADAPTERS IN STOCK FROM 19MM TO 122MM.

• Cambron • B+W • Hoya
• Heliopan • Singh-Ray • Kenko
• Sima • Hoden/Sock • Tiffen
• Kodak • Harrison & Harrison
• Lee filters • Cokin System Up to 60%. OFF! — Call Jeff for Information!

28 Minute Video Tape About Filters ..19.95
96 Page Filters Book "Using Filters" ..12.95

Cambron

2X Autofocus Teleconverter for Canon EOS, Minolta Maxxum, Nikon and Pentax Autofocus SLRs 89.95

1.7X Autofocus 99.50
Teleconverter for most SLR Cameras

1.5X Autofocus 79.95
Teleconverter for most SLR Cameras

1.4X Autofocus 99.95
Teleconverter for most SLR Cameras

2X Tele Converter for 35mm SLR Cameras Doubles the Focal Length of all your lenses

Low-Loss Cambridge Price ..$39.95
Top Quality Seven Element 2X ..$99.95
1.5X Tele Converter ..$79.95
Triple Power (3X) ..$89.95

ELECT. FLASHES

CAMBRON SW600 ..119.95
Autofocus Bounce Flash
CAMBRON Automatic ..99.95
Pro Rinolight Outfit
CAMBRON Camlite III Slave Handle Mt Strobe ..99.50
VIVITAR 3300 ..63.95
VIVITAR 283 Auto Flash ..109.95
VIVITAR 285 ..72.95 Vivitar 2000 ..31.95

LUMIQUEST

Pocket Bouncer ..16.76 Promax System ..42.36
MIDI-16 ..19.16 FX ..23.96
Pocket Bouncer 80-2017.56 Tabletop Ref. ..60.00
Soft Box ..23.96 Ultra Soft ..18.36
Big Bounce ..96.76 Mini Soft ..16.76

METZ

45 CL1 ..179.95 45 CL5 ..339.50 45 CL3 ..239.95
50 MZ5 ..529.50 45 CL4 ..289.95 60 CT4 ..578.95
SIGMA Autofocus ..59.95

SUNPAK FLASH OUTFITS

SUNPAK 4000 AF Outfit ..118.95 MZ 4400AF ..94.95
555 ..158.95 544 ..128.95 383 Auto ..59.95
433 AF ..74.95 388 Auto ..49.95 2000 DZ ..33.95
622 Pro Ri228.95 2660 ..42.95 1205 ..189.95
Quantum Outfit ..288.95 QUANTUM Battery 124.95
QUANTUM Bantam ..87. QUANTUM Tabtron ..281.
Turbo Z ..Quantum Battery #2 ..166.
QUANTUM Q Flash Outfit ..358.95
Large Selection of Studio Flashes Available ..CALL

PROJECTORS — VIEWERS

KODAK Carousel Model 4200 ..164.95
4400 ..214.95 4600 ..262.95
4600K ..298.95 5600 ..372.95
Ektagraphic HA ..326.95 III ABR ..468.95
IIAT5 ..488.95 IIIE ..538.95 IIIE ..488.95
III AMT ..418.95 III RR ..395.50 AV2051 ..549.50
VIVITAR 5000AF 126.95 3000 AF ..114.95

CAMBRON PROJECTION LENSES

1" ..449.50 2"/1.7 ..89.50 3"/1.7 ..89.50
4"/2.8 ..49.50 3.5"/2.8 ..69.50 7"/3.5 ..99.50
70mm (3.5") Zoom ..149.95
Super Optic ER Cambron
100mm (4") 150mm (6") F3.5 Zoom ..129.95
200mm (4") 200mm (8") F5.5 Zoom ..169.95

ARCHIVAL STORAGE PAGES

100 35mm Slide ..14.95 25 Sheet ..4.95
100 35mm Negative ..11.95 25 Sheet ..4.95
100 2-1/4x2-1/4x2-1/4 ..24.95
100 120, 4x5, 5x7, 8x10 ..11.95
500 PCS 2x2 Slide Protectors ..69.95

Prices shown are those at time copy was submitted to magazine and may change due to suppliers price changes. Suppliers of any item shown may be limited. We will fill orders as long as long as our supplies last. Some advertised items may not be accompanied by the manufacturer's U.S. warranty and may not be eligible for a rebate or identical by the manufacturer. Cambridge provides its own warranty protection. Some items with mfg US Co. guarantee may be additional. Please ask for estimated shipping and handling charges (Min. $4.75). We insure all shipments. Prices valid through October and beyond. Prices are for mail order. Prices reflect rebates. All bonuses must be requested at time of purchase.

WE GUARANTEE SATISFACTION!

You may return any advertised item ordered, by mail in original condition, with original wrapper and blank guarantee card within 20 days for a cheerful refund. Restocking fee may be applied. Merchandise certificates are good towards purchases of some Cambron accessories.

LIC# 1898887

©1999 CAMBRIDGE CAMERA, INC.

Leica

CAMBRIDGE CAMERA is an Authorized Leica Dealer.

We Have More Than 10,000 Items for Leica in Stock!

We are Serving Leica Customers Since 1963. We Sell, Buy, Trade and Rent New, Used and Collectible Leica Cameras, Lenses, Binoculars, Digital Cameras, Projectors, Telescopes, Enlargers, Books and Any Kind of Accessories Made By Leica and Made for Leica. Our Prices? Are Incredible! If You Need Any Leica Camera, Lens or Accessory Just Give a Ring to Our Leica Expert — Hans Cullman

2X New 2X Tele Converter for Leica Rangefinder Cameras Available in Screw and "M" Mount **499.50**

NEW VOIGTLANDER
Leica Bessa-L
Screwmount 228.95
15/4.5 Heliar....398.95
21mm Cambron199.50
25/4 Skopar 298.95

Leica M6 TTL and Leica M6 TTL 0.85
SF20 TTL Flash!
Gold Leicas
Replicas
TRIFOCAL
28-35-50 Lens
135/3.4 APO Lens
IN STOCK

500FC/2.5
Lens for Leica and most Manual & Autofocus SLR Cameras
199.50

ADVANCED PHOTO SYSTEM

CANON
ELPH 4NZ 248.95 370ZxL ..424.95 ELPH 2 ..204.95
ELPH 188.95 ELPH (JUNIOR) 98.95
GOLD ELPH (LIMITED EDITION 399.95

YASHICA
100 ..62.95 200 ..82.95 Mate 140 218.95

FUJI ENDEAVOR
260 in ..128.95 310 ix ..148.95
1000 ix ..238.95 1500 ix ..268.95

OLYMPUS Stylus i Zoom 75 ..228.95

KODAK 4700 IX 166.95 2100 ..49.95 3200AF ..59.95
5800 IMRK ..289.95 4100 ix ..108.95
C650 ..108.95 C700 ..128.95

MINOLTA Vectis S-1...158.95 Vectis 40...198.95
Vectis 25...138.95 Vectis 300 ..238.95
2000 ..218.95 VPI Video Player..498.95

NIKON Pronea 6i339.95 30-60 ..CALL 24-70 ..118.95
Nuvis S ..248.95 20-60 ..266.95 60-180148.95 Pronea S298.50
Nuvis 1160189.95 Nuvis125I ..169.95 Nuvis 160i ..229.95

CAMBRIDGE VIDEO CENTER

CANON • SONY • JVC • PANASONIC • SHARP

We carry a full line of Canon, Sony, JVC, Panasonic, Sharp and Many Other Brands Camcorders, DV, VCR, DVD, Digital Cameras, Web TV, TV's, Hi-Fi Systems, AV Lasers, DSS, Video Projection Systems, Fax Machines, Telephones, Audio, Walkmans, Radios, Car Stereos, Headphones, Speakers and more items. Call our specialist Dennis for your specials.

CAMBRIDGE IS AN AUTHORIZED CANON, SONY, JVC, PANASONIC, SHARP AND HITACHI DEALER.

WE STOCK THE NEW DSS SYSTEMS!

FUJI

We have one of the largest selection of Cameras, Lenses, Winders and other accessories for Fuji Cameras. Call our Roger for more information.

FUJI 312 Kit ..128.95 FUJI 90 ..64.95
28-80 3.5 Zoom for Fuji ..149.50
35-105 3.5 Lens for Fuji ..129.50
80-200 4.5 Zoom for Fuji ..149.50

CONTAX/YASHICA

CONTAX G1 629.50 28/2.8 289.50 21/2.8 ..688.50
CONTAX G2 799. 90/2.8 ..268.95 35/2 ..249.95
16/2.8 ..1,589. 45/2 ..199.95 TLA200 ..189.95
Tele Pro ..148.95 FX3 Super ..199.95
Black G2 Outfit 1949. 300 AF ..218.95 AX ..1,279.
167 ..398.95 RX ..829.50 RTS III ..1,699.
52 ..948.50 ST ..888. RTS II ..CALL AR8 ..318.
CONTAX Preview 1798.50 CONTAX Lenses ..CALL
T2 ..498.95 T3 ..688.95 T3 Outfit ..789.95

YASHICA FX3 6 PIECE OUTFIT

• YASHICA FX3 • Lens Brush • Lens Tissue
• 28-70 Zoom • Electronic Flash • Cleaning Fluid
• Wide Strap
• Slide Viewer All For 219.95
108 6 Piece Outfit ..269.50 300 AF 8 Piece Outfit 369.50

YASHICA Dental-Eye Macro ..899.50
Outfit Closeup Cameras
YASHICA 14 Outfit 109.95 14 Super Outfit ..118.95

YASHICA MICROTEC OUTFITS

70 ..88.95 90 ..113.95 120 ..142.95 140 234.95

MINOX

Minox APS CALL Minox GT 999.50 Minox ML 298.95
MINOX AF 89.95 MINOX GTE ..254.95 ECX ..259.95
Minox AX 1395. Touring 294.95 ECX Titanium ..378.95
EC Package 168.95 LX Chrome 694.95 CD112 ..208.95
LX Gold ..2,295. LX Black 839.50 CD70 ..114.95
TLX ..768. LX Gold ..2,995. CD25 ..88.95
MINOX LX Platinum CALL MINOX LX Silver ..5,495.
Film and Accessories for Minox ..CALL CLX ..1299.
The Minox Book 1/2 price ..34.95
Minox Variations in 8x11+200 Pages ..44.95
Above EQ is Demo

CAMBRON LENSES

We probably carry more type and make lenses than any one else in the world. We stock more than 10,000 lenses! So when you need a lens either for your SLR or any other needs call our lens specialist

LENNY ROBARTS

Multi Coated

28/1.8 ..199.50 21mm Ultawide..149.95
24/2.8 ..119.95 28/2.8 ..79.95
35/2.8 ..69.95 45/4.5 soft Focus..189.95
85/2.5 Soft Focus.198.95 100/3.5 Macro ..199.50
135/1.8 ..349.95 135/2.8 ..79.95
200/2.8 ..399.50 300/3.5 ..89.95
400/6.3 ..1495. 400/5.6 F ..229.50
500/8 ..109.95 600/6.3 ..999.95
1000/2.2 Cambron Superb ..1695.
Soft Focus Lens ..169.50
420-800/8.3 APO ..2995.
Aspherical Zoom Lens ..299.50

World's Smallest 300mm Lens
CAMBRON 300MM F5.6 COMPACT
This 6-power Compact Mirror Lens is just 3 1/4" long ..229.95

CAMBRON TTL

35mm Single Lens Reflex
• 58mm F/2 Automatic Lens
• Interchangeable Lenses
• Universal Screw Mount
• Internal Cd5 Metering
• Self Timer • All Metal Body
• $50 Merchds. Certificate

99.95

6 PIECE CAMBRON TTL OUTFIT
• Cambron TTL Body • Lens Case
• 58mm F/2 Auto Lens • Custom Shade
• 135mm Telephoto Lens
• Camera Case **139.95**

Cambron 8X LOUPE

Clear Base Magnifier to View the Entire Frame **9.95**

Cambron INSTA-SCOPE

Turns your 35mm Lens into a Spotting Scope, a Zoom Telephoto into 20X Spotting Scope or a 50mm Normal Lens into 5X Monocular.
For Most SLR Cameras **69.95**

NIKON

NIKON USA HEADQUARTERS
We sell the famous Nikon line and carry one of the world's largest selection of lenses and accessories.
Call Our Nikon Specialists STEVE NEWMAN

Nikon F3 1898. F4 ..1599.95 F5 ..1949.95
F4S ..1495. N6000 ..308.95 Pronea 6i ..359.95
Nikon F90X 1095 689.50 N70 (F70) ..338.95
N6006 ..288.95 F4E ..1,329.95 F100 ..649.95
N70 ..F70 Data ..399.50 FM2 Titanium ..598.95
F100 ..1,169. N60 (F60)244.95 Pronea S ..298.50
Nikon F3, F3 HP, F3 T, FE, FE2, FM, FG, FM10 ..CALL
SB28 ..246.95 SB23 ..118.95 MF26 ..199.95

NEW LATEST NIKKOR AF LENSES

20/2.8 ..384.95 24/2.8 ..258.95
28/2.8 ..158.95 20-35/2.8 ..1,448.50
28-70/3.5 ..244.95 28-80/3.5 ..118.95
28-85/3.5 ..324.95 35-70/2.8 ..489.95
50/1.4 ..199.95 60/2.8 ..278.95
105/2.8 468.95 300/4 ..739.95 300/2.8 ..3899.50
400/2.8 6,856. 600/4 ..7995. 28-70/2.8 ..1429.
28-105 ..284.95 35-80/4 ..76.95 24-120 ..378.95
28-200/3.5 ..378.95 75-105/1.5 ..268.95
70-135/3.5 ..249.95 80-200/4.5 ..158.95
70-210/4 ..218.95 70-300/4.5 ..259.95
80-200/4.5 ..118.95 80-200/2.8 ..678.95
1 4x Auto Focus "D" Teleconverter for Nikon ..99.95
2x 4 Element AFD Tele for Nikon ..99.95
3 x 7 Element AFD Tele for Nikon ..349.50
Nikon TI35 ..489.50 Nikon 28Ti ..739.50

OLYMPUS

Olympus IS-20 ..258.95
Camera Outfit
Olympus OM 2000 Outfit ..169.95
Interchangeable Lens System
Olympus IS1 Outfit 229.95 Olympus IS-30 ..278.95

LENSES FOR MOST OLYMPUS CAMERAS

Macro Lenses ..29.95
35mm Fish Eye ..129.50 28mm Wide Angle ..49.95
200mm Telephoto ..49.95
270mm Telephoto ..119.95
Olympus G40 Flash ..79.95
Olympus Stylus Outfit ..78.95
Olympus Stylus Zoom Outfit ..128.95
Stylus 105 Zoom Outfit ..169.95
Stylus BOW Kit ..194.95
Stylus 80 Kit ..128.95
Olympus Stylus Epic Kit87.95 Stylus 115 Kit ..177.95
Olympus Stylus 140 Kit198.95 C75 Zoom ..228.95
Accura 105 ..158.95 Accura 80 ..104.95
Olympus Trip 200 ..34.95 Data and O-Product ..CALL
LT1 Outfit ..138.95 LT 105 ..228.95
Olympus Epic 80 Outfit ..168.95
Olympus Accura 105 Kit ..158.95
Olympus OM 4T ..878.50 Olympus OM3Ti ..1278.95

Large Selections Of Olympus OM Cameras, Lenses And Accessories in Stock — CALL!

2x Teleconverter for Olympus ..39.95

PENTAX

K1000 ..148.95 PT30 ..148.95 P21 ..329.50
LX ..CALL ZX5 ..149.95 ZX50 ..329.50
Pentax 6x7 and 645 CALL Pentax P21 ..329.50
K2 45 w/Flash 229.95 ZX10 (MZ50) 217.95 ZX5 ..328.95

PENTAX ZX50 8 PIECE OUTFIT

• Pentax PZ70 ..Lens Cleaning Tissue
• 35-70 Zoom ..Cleaning Fluid
• Film Holder ..Slide Viewer
• Brush ..Strap All for Only 259.95
Pentax K1000 8 Piece Outfit ..249.50
Pentax P30 8 Piece Outfit ..259.50
Pentax ZX M 8 Piece Outfit ..299.50
PentaxZX 'N' 8 Piece Outfit ..399.95

LENSES FOR PENTAX CAMERAS

24/2.8 ..279.95 50/1.4 ..139.95 10-105/3.5 149.95
28/2.8 ..59.95 50/1.7 ..49.95 28-200/4 179.95
50/2.8 Macro ..199.50 60-300/4 ..169.95
70-210/4 ..99.95 100-300/5.6 ..69.95
Extension Tube for Macro Photography ..69.95
Pentax UC1 (ESP10 Mini) ..128.95

PENTAX IQ ZOOM OUTFITS

IQ 160 ..228.95 80 E ..108.95 IQ 140 ..187.95
IQ 120 ..148.95 IQ 110 ..198.95 IQ 115 ..159.95
IQ 200 ..268.95 IQ 830 ..178.95 IQ 105/3.8 WR178.95
IQ 928 ..156.95 IZY9 ..78.95 IQ 90M/C ..129.95
2x Teleconverter ..49.95 3x Teleconverter ..89.95

FILM

KODAK 35MM SLIDE FILM

	ASA	24 w/p	36	36 w/p
KM	25	3.94	6.99	5.52 9.29
KB	64	3.94	6.95	4.36 8.69
EB	64	3.94	6.95	4.36 8.69
EB	100	3.55	6.79	3.35 6.70
EL	160	4.85	7.65	6.36 9.48
EL	200	4.85	7.65	5.10 8.09
EL	200	4.18	8.18	7.05 11.19
KPN	40	—	—	7.75 11.20
WW	—	—	—	6.90 10.99
EB	100	4.49 7.09		3.29 6.29
LLP	100	—	—	6.74 11.49
EIR	INF	—	—	17.49 24.95
EL	400	5.35 8.70		5.64 8.56
EZ	400	6.19 9.79		8.00 11.60
EL	1600	—	—	5.10 8.09
HCS	EKTA	—	—	4.15 7.77

KODAK 35MM PRO SLIDE FILM

	ASA	36	36 w/p	100 ft
PKM	25	7.49	11.98	—
PKR	64	7.49	11.98	—
PKL	200	7.49	11.98	—
EPY	64	5.99	8.95	81.95
EPP	64	5.99	9.95	89.95
EPP/SW	100	5.89	9.95	94.95
EPN	100	4.89	10.49	89.95
EPP	100	4.99	9.95	89.95
EPT	160	8.49	12.58	96.95
EPD	200	7.98	10.96	96.95
E200	200	6.79	9.99	93.95
EPJ	1,200	7.99	10.95	—
EPL	400	8.79	10.75	109.95
EPH	1600	10.59	14.68	—
5071	DUP	10.59	10.58	14.95

KODAK 120/220 PRO SLIDE FILM

	ASA	120	220	ASA
EPR	64	4.19 8.01	EPY	64 4.09 —
EPN	100	4.29 8.09	E100S/W	100 4.49 8.38
EPP	100	4.10 8.20	EPT	160 4.65 —
EPD	200	4.59 9.30	EPE	400 5.30 —

WEDDING PHOTOGRAPHY 4 PACK 32.95
Five-35mm Onetime Use Camera

POLAROID AND FORTE B/W FILM CALL

PREPAID PROCESSING MAILERS

DP12 ..3.89 DP24 ..6.25 DP36 ..8.35
24 Exp. Slide ..2.99 36 Exp. Slide ..4.99
120 Slide Film ..5.49 220 Slide Film ..9.95
PX 59 ..5.49 DP 15 ..5.89 DDP 24 ..7.49
DDP 12/24E ..7.49 PP 1218 ..14.95
PP 7030 ..16.50 AP5 15 exp ..7.95
AP5 25 exp ..9.29 AP5 40 exp ..13.85

DAYLIGHT FILM LOADER

Top Quality ..9.95 Deluxe Model ..14.95
Watson ..14.75 Film Shield ..3.50
Reloadable Cassettes ..10 for 2.89

FILM

KODAK COLOR PRINT FILMS

	ASA	24 w/p	36	36 w/p
RA	100	3.09	9.37	4.09 12.24
RB	200	3.72	9.95	4.75 12.99
RC	400	4.05	10.25	5.25 13.49
RF	1000	4.99	11.25	6.44 14.35
GA	100	1.76	7.90	2.18 10.25
GB	200	2.04	8.35	2.49 10.50
GC	400	2.30	8.50	2.75 10.99
GF	1000	3.90	10.20	5.60 13.89
GP	1600	3.84	10.90	5.99 13.90

KODAK 35MM NEGATIVE/PRINT FILM

	ASA	36	36 w/p	100 ft
VPS	160	5.09	13.34	40.95
PHR	25	5.49	13.74	—
PHN	100	3.99	13.60	—
PHO	400	5.49	13.74	—
PPC	400	5.35	13.60	—
PPH	400	6.19	14.74	—
PJM	640	3.85	12.54	—
PHO	1600	4.09	13.84	—
Portra 160NC	160	5.69	13.99	—
Portra 160VC	160	5.69	13.99	—
Portra 400NC	400	5.89	13.99	—
Portra 400VC	400	5.89	13.99	—

	ASA	120	220	ASA	120	220
VPS	160	2.50	5.25	PHR	25	3.99 —
PHN	100	3.30	6.59	PPF	400	3.39 6.79
PMC	400	3.39	6.79	PHZ	1000	3.69 7.40

KODAK 35MM PRO B/W FILM

	ASA	24 w/p	36	w/p	100 ft
PX	125	2.09	9.86	2.59	11.84
TX	400	2.19	8.78	2.49	11.74
TMX	100	2.19	8.98	2.58	12.04
TMY	400	2.25	9.16	2.58	12.00
TMZ	3200	—	—	3.29	12.90
TP	Copy	—	—	6.19	14.35

	ASA	120	220	ASA	120	220
TMX	100	1.49	—	VP	125	2.29 —
TPX	125	2.50	5.10	TXP	320	— 24.95
TX	400	2.49	—	TMY	400	2.59 —
TP	Copy	4.99	—			

KONICA FILM

	ASA	24	36	w/p	120	220
Impressa 50		3.88	4.85	13.50	—	—
100		1.99	3.79	10.49	—	—
200		1.99	3.89	10.98	—	—
400		1.69	3.75	12.19	3.39	—
3200		6.19	7.39	15.39	4.76	—

ILFORD FILM

	ASA	24	36	120	220	100 ft
FP-4 125		1.93	2.49	1.93	25.50	26.75
HP-5 400		2.09	2.84	2.09	28.00	31.95
HP5 400		1.84	2.54	1.83	25.50	29.75
Delta 100		2.26	2.76	—	—	35.50
Delta 400		2.44	2.89	2.44	25.75	34.95
NEO 800						
SFX 200 IHF 36 Exp.						614 Delta 3200 36 Exp. ..4.59

Cambron 60-Second I.D. & Passport Cameras

With Polaroid Back

2 OR 4 PICTURES WITH ONE EXPOSURE!

Model II (2 Passports and ID) $499.50 Model IV (4 IDs) $549.50

SIGMA

8/4	499.50	14/2.8	598.50
18/3.5	269.95	24/2.8	119.95
14/2.8	648.50	300 4APO	488.95
400/5.6 APO		28/1.8 APO	
70-210/2.8		50-150/2.8

Shortcut to the Ultimate Digital Camera

www.robertsimaging.com or 800-726-5544

D1™ Nikon's digital camera that sets new standards for quality, speed and convenience in digital imaging. It takes digital photography to virtually the same level of high performance as Nikon's finest film-shooting SLRs. The Nikon D1 Set includes the D1 camera body, EN-4 battery pack, MH-16 Quick Charger, video cable, Nikon View DX browser, Nikon video cable for D1, neck strap, instruction manual and Nikon limited one-year warranty.

$4,999
D1 Camera Set*
*Lens sold separately

The Nikon D1 Set is sold in the United States by Nikon Inc. through Authorized Nikon Professional Digital Products Dealers and Authorized Value Added Retailers.

Also shop our Web site for an extensive selection of new and used Nikon lenses. Here's just a sample:

Used Nikkor long-glass manual and autofocus lenses priced starting at:

300mm f/2.8 .....$1500	400mm f/2.8 .....$3600
300mm f/2.8AF $2100	500mm f/4 .....$3200
400mm f/2.8AF $5300	600mm f/4 .....$3200

Nikon
TOTAL IMAGING SYSTEM DEALER

Roberts
PHOTO • VIDEO • ELECTRONICS
Downtown Indianapolis

All Nikon products include Nikon Inc. USA one-year limited warranty.

Nikon
We take the world's greatest pictures.®

PHOTOkina

CAMERAS • VIDEO • ELECTRONICS

Serving Customers All Over The World

DISCOVER NOVUS · VISA · MasterCard · Carte Blanche · DINERS CLUB · C.O.D · MONEY ORDER · Personal or Company Check

All Gladly ACCEPTED!

CALL TOLL FREE - ORDERS OR INFORMATION

1-800-642-7295

24 Hour Fax:908-486-7324 • Local & Overseas:908-486-7888 • Customer Service:908-486-7158

Customer Service Hours: Mon-Thur: 12pm - 5pm, Friday: 11am - 2pm

WE SHIP NATIONWIDE - AND WORLDWIDE! OVERNIGHT SHIPPING IS OUR SPECIALTY!

SATISFACTION GUARANTEED WITHIN 21 DAYS...OR YOUR MONEY BACK!

Business Hours:

Mon. - Thur. 9:30am - 8:30pm
Friday 9:30am - 4:00pm
Saturday CLOSED
Sunday 10:00am - 6:00pm

EVERYTHING WE SELL IS BRAND NEW AND FACTORY FRESH!

Canon

EOS CAMERA BODIES

CALL FOR LATEST EOS BODIES!

EOS 1V	CALL
EOS 1N	CALL
EOS 3	979.99
EOS A2E	499.99
EOS A2E 28-105 USM KIT	659.99
EOS A2	399.99
EOS A2 28-105 USM KIT	599.99
EOS ELAN IIE QD	CALL
EOS ELAN IIE	349.99
EOS ELAN II	309.99
EOS REBEL 2000	204.99
EOS REBEL 2000 QD	234.99
EOS IX (APS)	224.99
EOS IX LITE	219.99
EOS IX 24-85 Kit	399.99
EOS IX LITE 22-55 KIT	309.99

CANON USM LENSES

20 2.8 USM	339.99
50 1.4 USM	269.99
20-35 3.5-4.5 USM	299.99
22-55 4.0-5.6 USM	109.99
24-85 3.5-4.5 USM	239.99
28-80 3.5-5.6 USM	69.99
28-105 3.5-4.5 USM	189.99
28-135 3.5-5.6 USM IS	404.99
55-200 4.5-5.6 USM	149.99
75-300 4.0-5.6 USM	134.99
75-300 4.0-5.6 USM IS	409.99
80-200 4.5-5.6 USM	84.99
100-300 4.5-5.6 USM	199.99
100-400 4.5-5.6 IS USM	1149.99

Call For All Other CANON "L" Lenses!

CANON EF LENSES

24 2.8 EF	169.99
50 1.8 EF	49.99
50 1.8 EF II	CALL
50 2.5 MACRO EF	219.99
100 2.8 MACRO EF	419.99
75-300 4.0-5.6 EF	109.99

EOS FLASHES

550 EX Pro Flash	NEW!..309.99		
540 EZ	214.99	430 EZ	119.99
380 EX	114.99	220 EX	74.99
200 E	34.99	ML-3	CALL

EOS ACCESSORIES

2X CONVERTER F/EOS	34.99
WIDE STRAP F/EOS	19.99
CASE F/CAMERA & LENS	29.99
GADGET BAG	34.99
LENS CLEANING KIT	19.99
EYECUP F/EOS CAMERAS	19.99

FD MANUAL FOCUS

24 2.8 FOR FD	59.99
28 2.8 FOR FD	49.99
100 3.5 MACRO FOR FD	129.99
18-28 4.0 FOR FD	119.99
28-70 3.5-4.5 FOR FD	69.99
28-105 3.5 FOR FD..Special	114.99
28-200 4.0 FOR FD..Special	149.99
70-210 4.0-5.6 FOR FD	79.99
75-300 4.5-5.6 FOR FD	129.99
100-500 5.6-8.0 FOR FD	234.99
500 8.0 FOR FD	79.99
2X CONVERTER F/FD	24.99

Nikon

NIKON CAMERA BODIES

F5 BODY	1659.99
F100	NEW!...1049.99
N90S BODY	669.99
N80 BODY	NEW!...CALL
N70 BODY	349.99
N60 BODY	229.99
PRONEA S W/30-60	319.99

CALL FOR QD MODELS!

NIKON AF "D" LENSES

20 2.8 D AF	374.99
24 2.8 D AF	229.99
28 2.8 D AF	144.99
50 1.4 D AF	209.99
60 2.8 MICRO D AF	264.99
105 2.8 MICRO D AF	499.99
20-35 2.8 D AF	1149.99
24-50 3.3-4.5 D AF	254.99
24-120 3.5-5.6 D AF	409.99
28-70 3.5-4.5 D AF	249.99
28-80 3.5-5.6 D AF	99.99
28-105 3.5-4.5 AF D	279.99
28-200 3.5-5.6 D AF	379.99
35-70 2.8 D AF	519.99
35-80 4.0-5.6 D AF	CALL
70-210 4.0-5.6 D AF	194.99
70-300 4.0-5.6 D AF	229.99
80-200 4.5-5.6 D AF	89.99
80-200 2.8 D AF (W/Tripod Mt)	749.99
80-200 2.8 AF-S	NEW!...1299.99

Call For Nikon Lenses Not Listed!

NIKON AF LENSES

50 1.8 AF	74.99
300 4.0 ED IF AF	749.99

NIKON FLASHES

SB-28	249.99	SB-27	129.99
SB-23	69.99	SB-22s	109.99

AF NIKON ACCESSORIES

2X AF F/NIKON	34.99
WIDE STRAP FOR NIKON	19.99
CAMERA BAG F/NIKON	34.99
CASE F/CAMERA & LENS	29.99
EYECUP F/NIKON	19.99
LENS CLEANING KIT	19.99

Call For Other Nikon Accessories!

AIS MANUAL FOCUS

FM-2 BODY	349.99
FM-10 KIT W/35-70	179.99
24 2.8 AIS FOR NIKON	59.99
28 2.8 AIS FOR NIKON	49.99
100 3.5 MACRO AIS F/Nikon	129.99
18-28 4.0 AIS F/NIKON	139.99
28-70 3.5-4.5 AIS F/NIKON	69.99
28-105 3.5 F/AIS..Special	114.99
28-200 4.0 F/AIS..Special	149.99
70-210 4.5-6 AIS F/NIKON	79.99
75-300 4.5-5.6 AIS F/NIKON	129.99
100-500 5.6-8.0 AIS F/Nikon	234.99
500 8.0 AIS FOR NIKON	79.99
2X MF FOR NIKON	24.99
Power Winder for Nikon MF	24.99
LENS CLEANING KIT	19.99

MINOLTA

MINOLTA AF BODIES

Maxxum 9	1199.00
800 SI	454.99
XTSI	274.99
HTSI	219.99
QTSI	NEW!...199.99
400 SI	CALL
400 SI	179.99

Call For Other Minolta Bodies!

MAXXUM AF LENSES

24 2.8 AF	169.99
28 2.8 AF	134.99
50 1.7 AF	49.99
50 2.8 MACRO AF	179.99
100 2.8 MACRO AF	329.99
28-80 4.0-5.6 I AF	74.99
28-80 4.0-5.6 XI AF	69.99
28-85 3.5-4.5 I AF	189.99
28-105 3.5-4.5 I AF	129.99
28-105 3.5-4.5 XI AF	129.99
35-70 3.5-4.5 I AF	CALL
35-80 4.0-5.6 PZ AF	64.99
70-210 4.5-5.6 I AF	89.99
75-300 4.5-5.6 I AF	114.99
80-200 4.5-5.6 XI AF	69.99
100-300 4.5-5.6 I AF	109.99
100-300 4.5-5.6 XI AF	129.99

Call for More MAXXUM Lenses!

MAXXUM FLASHES

5400 HS	229.99	3500 XI	99.99
3200 I	54.99	2000 XI	34.99
4000 AF	89.99	2800 AF	49.99

MAXXUM ACCESSORIES

2X AF FOR MAXXUM	34.99
Wide Strap W/MAXXUM Name	19.99
LENS CLEANING KIT	19.99
CASE FOR CAMERA & LENS	29.99
CAMERA BAG FOR MAXXUM	34.99
RC-1000L REMOTE CORD	32.99
RC-1000S REMOTE CORD	29.99

CALL FOR OTHER MAXXUM ACCESSORIES!

MD MANUAL FOCUS

X-700	189.99	X-370	109.99
360PX	99.99	280 PX	59.99

24 2.8 FOR MD	59.99
100 3.5 MACRO F/MD	129.99
28-70 3.5-4.5 F/MD	69.99
28-105 3.5 F/MD..Special	114.99
28-200 4.0 FOR MD	79.99
75-300 4.5-5.6 FOR MD	129.99
100-500 5.6-8.0 FOR MD	234.99
2X CONVERTER FOR MD	24.99
POWER WINDER F/MD	24.99

PENTAX

PENTAX CAMERA BODIES

PZ-1P	449.99
ZX-5N	289.99
ZX-7	229.99
ZX-10	189.99
ZX-50	149.99

PENTAX FLASHES

AF-500FTZ 259.99 AF-330FTZ 119.99

PENTAX ACCESSORIES

2X Converter F/Pentax AF	34.99
Case F/Camera & Lens	29.99

PENTAX AF LENSES

FA 28-80 3.5-4.7	89.99
FA 28-105 3.5-4.5	169.99
FA 28-200 3.8-5.6	199.99
FA 70-200 4.0-5.6	139.99
FA 100-300 4.5-5.6	169.99

MANUAL FOCUS

ZX-M	134.99
P30T BODY	129.99
28-70 3.5-4.5 PK F/Pentax	69.99
28-105 3.5 PK F/Pentax	114.99
28-200 4.0 PK F/Pentax	149.99
70-210 4.0-5.6 PK F/Pentax	79.99
75-300 4.5-5.6 PK F/Pentax	129.99
100-500 5.6-8.0 PK F/Pentax	234.99

DIGITAL DEPARTMENT

WE CARRY ALL MODELS OF DIGITAL CAMERAS AT THE LOWEST PRICES!

PLACE YOUR ORDER WITH US TODAY!

EVERYTHING WE SELL IS BRAND NEW AND FACTORY FRESH!

SPECIAL CAMERA PACKAGES AT THE LOWEST POSSIBLE PRICES! WHILE SUPPLIES LAST!

SPECIAL PROFESSIONAL KIT WITH CANON EOS-3

Kit Includes: Canon EOS-3 Camera Body, Canon 28-135 3.5-4.5 USM IS Lens, Canon 75-300 4.0-5.6 USM IS Lens, Camera Strap, Full-SizeTripod, Film, Lens Cleaning Kit, Capkeeper, Camera Bag

1749.99

SPECIAL KIT WITH TAMRON 28-200 MACRO

Kit Includes: Canon EOS Camera Body w/Flash, Tamron 28-200 3.8-5.6 Super Aspherical Macro Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper, Case

With Rebel 2000	424.99
With Rebel 2000QD	449.99
With EOS Elan II	474.99
With EOS Elan IIE	514.99
With EOS Elan IIE QD	CALL
With EOS A2/A2E	649.99/704.99
With EOS-3	1329.99
With EOS 1N	1399.99

SPECIAL KIT WITH CANON 28-80 USM Lens

Kit Includes: Canon EOS Camera Body w/Flash, Canon 28-80 3.5-5.6 Ultrasonic Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper

With Rebel 2000	289.99
With Rebel 2000QD	329.99
With EOS Elan II	354.99
With EOS Elan IIE	389.99
With EOS Elan IIE QD	409.99
With EOS A2	474.99
With EOS A2e	549.99
With EOS-3	1129.99
With EOS 1V	CALL

SPECIAL KIT WITH CANON 28-80 USM & CANON 75-300 USM

Kit Includes: Canon EOS Camera Body w/Flash, Canon 28-80 3.5-5.6 USM Lens, Canon 75-300 4.0-5.6 USM Lens, Camera Strap, Tripod, Camera Bag, Film, Lens Cleaning Kit, Capkeeper

With Rebel 2000	414.99
With Rebel 2000QD	439.99
With EOS Elan II	504.99
With EOS Elan IIE	549.99
With EOS Elan IIE QD	569.99
With EOS A2/A2E	639.99/739.99
With EOS-3	1359.99
With EOS 1N	1174.99

SPECIAL KIT WITH CANON 28-105 USM & CANON 100-300 USM

Kit Includes: Canon EOS Camera Body w/Flash, Canon 28-105 3.5-4.5 USM Lens, Canon 100-300 4.5-5.6 USM Lens, Strap, Tripod, Camera Bag, Film, Lens Cleaning Kit, Capkeeper

With Rebel 2000	569.99
With Rebel 2000QD	599.99
With EOS Elan II	664.99
With EOS Elan IIE	684.99
With EOS Elan IIE QD	719.99
With EOS A2/A2e	789.99/859.99
With EOS-3	1409.99
With EOS 1N	1499.99

SPECIAL PROFESSIONAL KIT WITH NIKON F100

Kit Includes: Nikon F100 Camera Body, Nikon 35-70 2.8 AF-D Lens, Nikon 80-200 2.8 AF-D Lens w/Tripod Mt., Camera Strap, Full-SizeTripod, 5 Rolls Film, Lens Cleaning Kit, Capkeeper, Camera Bag

2349.99

SPECIAL PROFESSIONAL KIT WITH NIKON N90S

Kit Includes: Nikon N90s Camera Body, Nikon 35-70 2.8 AF-D Lens, Nikon 80-200 2.8 AF-D Lens w/Tripod Mt., Camera Strap, Full-SizeTripod, 5 Rolls Film, Lens Cleaning Kit, Capkeeper, Camera Bag

1899.99

SPECIAL KIT WITH TAMRON 28-200 MACRO

Kit Includes: Nikon Camera Body w/Flash, Tamron 28-200 3.8-5.6 Super Aspherical Macro Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper, Case

With N60	469.99
With N70	575.99
With N90s	899.99
With F100	1359.99
With F5	1979.99
With FM-2	569.99

SPECIAL KIT WITH Nikon 28-80 AF-D Lens

Kit Includes: Nikon Camera Body w/Flash, Nikon 28-80 3.5-5.6 AF-D Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper

With N60	329.99
With N70	419.99
With N80	CALL
With N90s	779.99
With F100	1169.99
With F5	1769.99
With FM-2	474.99

SPECIAL KIT WITH NIKON 28-80 AF-D & Nikon 80-200 AF-D

Kit Includes: Nikon Camera Body w/Flash, Nikon 28-80 3.5-5.6 AF-D Lens, Nikon 80-200 4.5-5.6 AF-D Lens, Camera Strap, Tripod, Camera Bag, Film, Lens Cleaning Kit, Capkeeper

With N60	429.99
With N70	519.99
With N90s	839.99
With F100	1259.99
With F5	1839.99
With FM-2	574.99

SPECIAL KIT WITH NIKON 28-80 AF-D & Nikon 70-300 AF-D

Kit Includes: Nikon Camera Body w/Flash, Nikon 28-80 3.5-5.6 AF-D Lens, Nikon 70-300 4.0-5.6 AF-D Lens, Camera Strap, Tripod, Camera Bag, Film, Lens Cleaning Kit, Capkeeper

With N60	559.99
With N70	614.99
With N90s	989.99
With F100	1379.99
With F5	1929.99
With FM-2	719.99

SPECIAL PROFESSIONAL KIT WITH MINOLTA MAXXUM 9

Kit Includes: Minolta Maxxum 9 Camera Body, Minolta 28-70 2.8i AF Lens, Minolta 80-200 2.8 APO AF Lens, Camera Strap, Full-SizeTripod, 5 Rolls Film, Lens Cleaning Kit, Capkeeper, Camera Bag

2699.99

SPECIAL KIT WITH TAMRON 28-200 MACRO

Kit Includes: Minolta AF Camera Body w/Flash, Tamron 28-200 3.8-5.6 Super Aspherical Macro Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper, Case

With 400SI	389.99
With QTSI	399.99
With HTSI	419.99
With XTSI	489.99
With 800SI	684.99
With Maxxum 9	1489.99

SPECIAL KIT WITH MINOLTA 28-80 xi Lens

Kit Includes: Minolta AF Camera Body w/Flash, Minolta 28-80 4.0-5.6 xi AF Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper

With 400SI	239.99
With QTSI	259.99
With HTSI	284.99
With XTSI	339.99
With 800SI	539.99
With Maxxum 9	1299.99

SPECIAL KIT WITH MINOLTA 28-80 AF MINOLTA 75-300 AF

Kit Includes: Minolta AF Camera Body w/Flash, Minolta 28-80 4.0-5.6 AF Lens, Minolta 75-300 4.5-5.6 AF Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper, Case

With 400SI	389.99
With QTSI	399.99
With HTSI	419.99
With XTSI	494.99
With 600SI	479.99
With 800SI	689.99
With Maxxum 9	1609.99

SPECIAL KIT WITH MINOLTA 28-105 AF MINOLTA 100-300 AF

Kit Includes: Minolta AF Camera Body w/Flash, Minolta 28-105 3.5-4.5 AF Lens, Minolta 100-300 4.5-5.6 AF Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper, Case

With 400SI	429.99
With QTSI	499.99
With HTSI	524.99
With XTSI	554.99
With 800SI	794.99
With Maxxum 9	1499.99

SPECIAL KIT WITH TAMRON 28-200 MACRO

Kit Includes: Pentax Camera Body w/Flash, Tamron 28-200 3.8-5.6 Super Aspherical Macro Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper, Case

With ZX-50	314.99
With ZX-7	459.99
With ZX-5	469.99
With ZX-5N	499.99
With ZX-M (Manual Focus)	379.99

SPECIAL KIT WITH PENTAX 28-80 AF Lens

Kit Includes: Pentax Camera Body w/Flash, Pentax FA 28-80 3.5-4.7 Lens, Camera Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper

With ZX-50	244.99
With ZX-7	324.99
With ZX-5	319.99
With ZX-5N	329.99
With ZX-M (Manual Focus)	204.99

Point-&-Shoot

Canon Z-135	179.99
Pentax 160 Zoom	219.99
Pentax 200 Zoom	259.99
Nikon Nuvis S	199.99

TAMRON

TAMRON 28-200 MACRO

Super Aspherical Lens • For: EOS, Max, Nikon AF, Pentax AF

ONLY... 334.99

TAMRON 28-200 MACRO

Super Aspherical Lens • For: EOS, Max, Nikon AF, Pentax AF

ONLY... 184.99

20-40 2.7-3.5 C/M/N	649.00
24-70 3.3-5.6 C/M/N	389.00
28-80 3.5-5.6 C/M/N/P	189.00
28-105 4.5-6.7 C/M/N/P	249.99
28-105 2.8 (IF) C/M/N	699.00
70-300 4.0-5.6 LD C/M/N/P	263.00
80-210 4.5-5.6 C/M/N	189.00
100-300 5.0-5.6 Mac C/M/N/P	229.99
200-400 5.6 LD C/M/N	344.00

TAKE ADVANTAGE OF THE LOWEST PRICES ON THESE LENSES! BUY ONE TODAY!

SPECIAL LENS OFFER: Canon 75-300 4.0-5.6 USM — ONLY... 134.99

SPECIAL LENS OFFER: Canon 28-135 3.5-5.6 USM IS — ONLY... 404.99

SPECIAL LENS OFFER: Nikon 35-70 2.8 D AF — ONLY... 519.99

SPECIAL LENS OFFER: Nikon 80-200 2.8 D AF W/Tripod Mount — ONLY... 749.99

SPECIAL LENS OFFER: Minolta 28-105 3.5-4.5 xi — ONLY... 129.99

SPECIAL LENS OFFER: Minolta 75-300 4.5-5.6 AF — ONLY... 114.99

SPECIAL LENS OFFER: Canon 75-300 4.0-5.6 USM IS — ONLY... 409.99

SPECIAL LENS OFFER: Canon 100-400 4.5-5.6 USM IS L — LOWEST PRICE... 1449.99

SPECIAL LENS OFFER: Nikon 24-120 3.5-5.6 D AF — ONLY... 409.99

SPECIAL LENS OFFER: Nikon 70-300 4.0-5.6 D AF — ONLY... 229.99

SPECIAL LENS OFFER: Minolta 80-200 4.5-5.6 xi — ONLY... 69.99

SPECIAL LENS OFFER: Minolta 100-300 4.5-5.6 xi — ONLY... 119.99

Company Policy: Payment can be made with Visa, Mastercard, Discover, American Express, Diners Club, Check, or C.O.D. These are mail order prices only. Mailing Address: 425-AN Wood Ave. Linden, NJ 07036. For personal checks and money orders, please allow four weeks from the time we deposit your check. All prices listed after rebate. S&H charges extra. Merchandise can be returned or exchanged within 21 days from time of receipt; 7 days for audio and video equipment. All returns must be in original mint contition, with unmarked carton, packing, papers, and unfilled warranty cards. Shipping and handling charges are not refundable. All returns subject to minimum 5% restocking fee. All returned products must be accompanied by RMA #. No dealers. We reserve the right to limit quantities. Not responsible for typographical errors. Special Order items are not returnable. All prices are valid through end of monthly issue. All products carry USA, International, or Photokina Warranty.

ABE'S OF MAINE

SINCE 1979! CAMERAS AND ELECTRONICS

1957 CONEY ISLAND AVE., BROOKLYN, NY 11223

TOLL-FREE CUSTOMER SERVICE LINE:
For Inquiries on orders already placed and Shipping information from 9:30am-5:00pm EST Fridays 9:30am-3:00pm EST
1-800-992-2379

Local & Overseas CALL 1-718-645-1818

FAX 1-718-998-6650

VISIT US ON THE WEB! www.abesofmaine.com

1-800-958-2237

OPEN HOURS
Monday - Thursday 9:30AM-10:30PM
Friday 9:30AM-Until 6:00PM
Saturday ..... Closed
Sunday 10:00AM-7:00PM

ORIGINALLY FROM OLD ORCHARD BEACH, MAINE

CALL FOR OUR FREE CATALOG!

Orders and Inquiries can now be E-Mailed to us at: info@abesofmaine.com

NO SURCHARGE ON CREDIT CARDS!

WORLDWIDE SHIPPING

ALL MERCHANDISE IS BRAND NEW & FACTORY FRESH!

www.abesofmaine.com

Canon

ALL CANON SLR CAMERAS INCLUDE A FULL USA WARRANTY

ALL CANON SLR CAMERAS INCLUDE A FULL USA WARRANTY

AUTHORIZED DEALER

EOS ELAN IIE KIT
USA Warrantied Body
- Canon 28-80 3.5-5.6 USM lens
- Cleaning Kit
- Carrying strap
- Full size tripod

$409.99*

EOS A2 USA	459.99*
EOS A2 28-105 USM Kit USA	719.99*
EOS A2E USA	529.99*
EOS A2E 28-105 USM Kit USA	609.99*
EOS IN USA	CALL!
EOS IN RS USA	CALL!
EOS 3 SLR Body	1199.99
EOS IX USA	249.99*
EOS IX 28-80 USM Kit USA	Special 349.99*
EOS IX Lite USA	229.99
EOS IX Lite 22-55 USM Kit USA	309.99*

EOS CAMERAS
*After Rebate

EOS Rebel 2000	219.99
EOS Rebel 2000 QD	249.99
EOS Rebel 2000 28-80 3.5-5.6 Kit	309.99
EOS Elan II	319.99
EOS Elan IIE USA	359.99
EOS Elan IIE QD	389.99
EOS Elan II 28-80 Kit USA	379.99*

FLASHES

550EX	349.99	540EX	229.99
480EG			479.99
430EZ			159.99
380EX			124.99
220E		Special	34.99
220EX			79.99
ML-3			CALL!

EF LENSES

15 2.8 Fisheye AF	629.99
24 2.8 EF AF	279.99
28 2.8 EF AF	169.99
35 2.0 EF AF	239.99
50 1.8 EF AF	54.99
50 1.8 II EF AF	89.99
50 2.5 Macro EF AF	279.99
100 2.8 Macro EF AF	489.99
135 2.8 Soft Focus EF AF	339.99
35-80 4.0-5.6 EF AF	69.99
80-200 4.5-5.6 EF AF	99.99
75-300 4.0-5.6 EF AF	139.99

75-300 4.0-5.6 USM AF $159.99

28-135 3.5-4.5 USM IS AF $429.99

ULTRASONIC LENSES

20 2.8 USM AF	369.99
28 1.8 USM AF	399.99
50 1.4 USM AF	329.99
85 1.8 USM AF	289.99
100 2.0 USM AF	379.99
20-35 3.5-4.5 USM AF	379.99
24-85 3.5-4.5 USM AF	269.99
28-80 3.5-5.6 USM AF	99.99
28-105 3.5-4.5 USM AF	219.99
28-135 3.5-4.5 USM IS AF	449.99
35-80 4.0-5.6 USM	79.99
75-300 4.0-5.6 USM AF	159.99
75-300 4.0-5.6 USM IS AF	449.99
80-200 4.5-5.6 USM AF	89.99
100-300 4.5-5.6 USM AF	219.99

28-105 3.5-4.5 USM AF $209.99

EF "L" LENSES

14 f2.8 "L" USM	1849.99
50 f1.0 "L" USM	2399.99
85 f1.2 "L" USM	1299.99
135 f2.0 "L" USM	739.99
180 f3.5 "L" USM	1289.99
200 f1.8 "L" USM	CALL!
200 f2.8 "L" USM	649.99
300 f4.0 "L" USM	849.99
300 f4.0 "L" IS USM	1149.99
400 f5.6 "L" USM	999.99
17-35 f2.8 "L" USM	1079.99*
28-70 2.8 "L" USM	969.99
70-200 f2.8 "L" USM	1069.99
35-350 f3.5 "L" USM	1349.99
100-400 f5.6 "L" USM	1699.99
EF 1.4X Extender	339.99
EF 2.0X Extender	289.99
New! EF70-200 F4.0 USM L	CALL!

ACCESSORIES

VG-10 Vertical grip f/A2/A2E	79.99
RC-1 Remote controller	CALL!
Canon original gadget bag	39.99
Wide strap with Canon name	9.99
Eyecup f/EOS cameras	9.99
2x Converter f/EOS cameras	49.99
Lens cleaning kit	9.99

MANUAL FOCUS

Power winder f/Canon	29.99
Adapt. to fit EOS screw lens	19.99
2x Converter f/Canon FD	39.99
35-70 3.5 f/Canon FD	79.99
28-70 4.0 f/Canon FD	149.99
70-210 4.0 f/Canon FD	99.99
75-300 4.5 f/Canon FD	149.99
100-500 5.6L f/Canon FD	299.99
800-1200 9.9 f/Canon FD	399.99
500 f8 Mirror f/Canon FD	99.99

Nikon

ALL NIKON AF SLR CAMERAS INCLUDE A FULL USA WARRANTY

ALL NIKON AF SLR CAMERAS INCLUDE A FULL USA WARRANTY

AUTHORIZED DEALER

N60 CHAMPAGNE
USA Warrantied Body
- 1/2000 Sec. shutter speed
- Black & champagne
- Diopter correction adjustment
- 6 Exposure modes

$239.99*

F-100 USA	IN STOCK!
F-5 w/3 Year USA Warranty	IN STOCK!
Pronea S w/30-60 IX lens	329.99
Pronea S w/30-60 IX lens & 60-180 IX lens	479.99
Pronea 6i USA	CALL!

NIKON CAMERAS
*After Rebate

N-60 USA	239.99
N-60 QD USA	IN STOCK!
N-6006 USA	329.99
N-70 USA	349.99*
N-70 QD USA	389.99
N-80 USA	CALL!
N-90S USA	689.99*

NIKON FLASHES

SB -28 FLASH
In Stock!

SB-28	IN STOCK!	SB-22s	99.99
SB-26	CALL!	SB-21B	369.99
SB-27	149.99	SB-20	149.99
SB-23	Special 74.99		

AF-D LENSES

16 2.8D Fisheye	599.99
18 2.8D AF	CALL!
20 2.8D AF	409.99
24 2.8D AF	259.99
28 1.4D AF	1349.99
28 2.8D AF	159.99
35 2.0D AF	239.99
50 1.4D AF	219.99
60 2.8D Micro AF	299.99
85 1.4D AF	819.99
85 1.8D AF	329.99
105 2.8D Micro AF	549.99
180 2.8D AF	559.99
200 Micro D AF	1099.99
20-35 2.8D AF	CALL!
24-50 3.3-4.5D AF	299.99
28-70 2.8D Silent Wave	IN STOCK!
28-70 3.5-4.5D AF	259.99
28-80 3.3-5.6D AF	119.99
28-105 3.5-4.5D AF	279.99
28-200 3.5-5.6D AF	459.99
300 F4.0D AF	769.99
35-70 2.8D AF	579.99
35-80 4.0-5.6D AF	89.99
35-105 3.5-4.5D AF	259.99
70-180 4.5-5.6D AF	749.99
70-210 4.0-5.6D AF	219.99
70-300 4.0-5.6D AF	259.99
80-200 4.5-5.6	Special Closeout 99.99
80-200 2.8D Silent wave	IN STOCK!
80-200 2.8D w/tripod collar	819.99
80-400 4.5-5.6D Vibration Reduction	New!
EF 2.0X Extender	289.9
300 2.8D Silent wave	IN STOCK!
400 2.8D Silent wave	IN STOCK!
500 2.8D Silent wave	IN STOCK!

24-120 3.5-5.6D AF $459.99

28-200 3.5-5.6D AF $459.99

NIKON AF LENSES

50 1.8 AF	79.99
28-85 3.5-4.5	349.99
35-135 3.5-4.5	CALL!
75-300 4.5-5.6 AF	249.99

NIKON ACCESSORIES

MB-10 Vertical grip f/n90s	139.99
MC-12B Remote trigger	69.99
MC-20 Remote trigger cord	99.99
MC-30 Remote cord f/n90s	54.99
SC-17 TTL Synch Cord	59.99
Eyecup for Nikon	19.99
Red eye reduction pen	12.99
Wide strap w/"Nikon" name	9.99
Lens cleaning kit	9.99
Nikon camera bag	39.99
Nikon vestrap	89.99
Photo Secretary f/N90S-F-5	CALL!
2X Converter f/Nikon AF	49.99

MANUAL FOCUS

FM-2 Body $379.99

FM2	379.99
F-3HP	CALL!
FM-10 35-70 Kit	219.99
Power winder F2-2 FM2 & FA	29.99
2X Converter f/Nikon MF	39.99
Adapter to fit screw lens on Nikon Body	19.99
35-70 3.5 AIS f/Nikon	79.99
28-70 4.0 AIS f/Nikon	99.99
18-28 4.5 AIS f/Nikon	149.99
70-210 4.0 AIS f/Nikon	99.99
75-300 5.6 AIS f/Nikon	149.99
100-500 5.6 AIS f/Nikon	299.99
500 f8 f/Nikon	99.99

MINOLTA

MINOLTA 500SI CLOSEOUT $189.99

NEW HT-SI PLUS NOW IN STOCK!

AUTHORIZED DEALER

XT-SI KIT
- Body w/electronic flash
- Minolta 28-80 4.0-5.6i AF lens
- Carrying strap
- Color film
- Capkeeper
- Full size tripod

$379.99

New QT SI	199.99
XT SI	299.99
XT SI 28-80 4.0-5.6 Kit	379.99
HT SI	229.99
HT SI+	249.99
Maxxum 9	1299.99

MINOLTA CAMERAS

800SI	519.99
600SI	299.99
500SI	Closeout 189.99
500SI 35-80 4.0-5.6 PZ AF Lens	249.99
400SI	179.99
300SI	149.99
300SI 35-70 Kit	249.99

MINOLTA FLASHES

5400HS FLASH $249.99

3500XI FLASH $99.99

5400XI	159.99
2000I	39.99
2800AF	59.99
1200 AF-N Flash	269.99

MINOLTA LENSES

16 2.8 Fisheye	869.99
17-35 AF	1499.99
20 2.8 AF	599.99
24 2.8 AF	359.99
28 2.8 AF	189.99
35 2.0 AF	299.99
35 1.4 AF	CALL!
50 1.7 AF	59.99
50 1.4 AF	239.99
50 2.8 Macro AF	349.99
50 3.5 Macro AF	239.99
85 1.4 AF	639.99
100 2.0 AF	CALL!
100 2.8 Macro	549.99
200 2.8 AF	849.99
300 2.8 APO AF	CALL!
300 f4 APO AF	989.99
600 f4 APO AF	CALL!
20-35 3.5-4.5	469.99
24-85 3.5-4.5 AF	399.99
28-70 2.8 AF	999.99
28-80 4.0-5.6i	79.99
28-85 AF	299.99
28-105 3.5-4.5	269.99
28-105 4.0-5.6XI	189.99
35-80 4.0-5.6 PZ	69.99
35-70 3.5-4.5 AF	CALL!
70-210 4.5-5.6 AF	99.99
70-210 3.5-4.5i AF	219.99
75-300 4.0-5.6i AF	129.99
80-200 4.5-5.6i	89.99
100-300 4.5-5.6i	169.99
100-300 4.5-5.6 APO AF	449.99
100-400 4.5-6.7 APO	649.99

75-300 4.0-5.6 AF $129.99

ACCESSORIES

Expansion Cards Available

Card Case f/10 Cards	12.99
2X Converter f/Maxxum AF	49.99
Eyecup for Maxxum	19.99
Wide strap w/"Minolta" name	9.99
VC-700 Vertical grip f/800Si	CALL!
RC-1000S Short remote	33.99
RC-1000L Long remote	34.99
Adapt. to fit MD lens on Maxxum body	39.99
Lens Cleaning Kit	9.99
Minolta Original Camera Bag	39.99
Bounce Reflector Set	39.99
Off Camera Cable OS-1100	39.99
External Battery Pack EP-1	149.99
Camera case to fit camera & zoom lens	29.99

MANUAL FOCUS

	Body	w/50 1.7
X-700	189.99	249.99
X-370	129.99	154.99
Minolta 220X		14.99
Minolta 280PX		69.99
Minolta 360PX		CALL!
Power winder f/Minolta		29.99
2X Converter f/Minolta		39.99
Adapter to fit screw lens on Minolta body		19.99
35-70 3.5 MD f/Minolta		79.99
28-70 4.5 MD f/Minolta		99.99
18-28 4.5 MD f/Minolta		149.99
70-210 3.5 MD f/Minolta		99.99
75-300 4.5 MD f/Minolta		149.99
100-500 5.6 MD f/Minolta		299.99
80-1200 9.9 MD f/Minolta		399.99
500 f8 Mirror lens		99.99

PENTAX

NEW LOWER PRICE ON THE ZX-50

NEW LOWER PRICE ON THE ZX-10

AUTHORIZED DEALER

PENTAX CAMERAS

PZ-1P	489.99
ZX-5N	299.99
New! ZX-7	249.99
ZX-5	Closeout 249.99
ZX-10	199.99
New! ZX-30	CALL!
ZX-50	169.99
ZX-M	139.99
ZX-M 35-80 Lens	229.99

PENTAX FLASHES

AF-500 FTZ FLASH $269.99

AF-400 FTZ	CALL!
AF-330 FTZ	119.99
AF-240 FTZ	64.99

PENTAX LENSES

FA 20 2.8	499.99
FA 24 2.0	399.99
FA 24 2.0	399.99
FA 28 2.8	179.99
FA 50 1.4	149.99
FA 50 1.7	99.99
FA 50 2.8 Macro	299.99
FA 84 1.4	739.99
FA 85 2.8 Soft	369.99
FA 100 2.8 Macro	499.99
FA 135 2.8	309.99
FA 300 2.8	CALL!
FA 300 4.5	749.99
FA 28-70 2.8	1019.99
FA 28-70 4.0	CALL!
FA 28-105 4.0-5.6	199.99
FA 28-80 3.5-4.7	99.99
FA 28-200 3.8-5.6	219.99
FA 70-200 4.0-5.6	209.99
FA 80-200 2.8	1579.99
FA 80-320 4.5-5.6	229.99
FA 100-300 4.5-5.6	249.99
F 17-28 4.0-5.6	369.99
F 80-200 4.7-5.6	129.99
F 100-300 4.5-5.6	159.99

MANUAL FOCUS

	Body	w/50 2.0
P-30T	139.99	184.99
K-1000	CALL!	CALL!
K-1000SE	CALL!	CALL!
ZX-M	149.99	CALL!

ABE'S OF MAINE

SINCE 1979! CAMERAS AND ELECTRONICS

1957 CONEY ISLAND AVE., BROOKLYN, NY 11223

TOLL-FREE CUSTOMER SERVICE LINE:
For Inquiries on orders already placed and Shipping information from 9:30am-5:00pm EST
Fridays 9:30am-3:00pm EST
1-800-992-2379

Local & Overseas CALL 1-718-645-1818

FAX 1-718-998-6650

VISIT US ON THE WEB! www.abesofmaine.com

1-800-958-2237

OPEN HOURS
Monday - Thursday 9:30AM-10:30PM
Friday 9:30AM-Until 6:00PM
Saturday ..... Closed
Sunday 10:00AM-7:00PM

ORIGINALLY FROM OLD ORCHARD BEACH, MAINE

CALL FOR OUR FREE CATALOG!

Orders and Inquiries can now be E-Mailed to us at: info@abesofmaine.com

NO SURCHARGE ON CREDIT CARDS!

WORLDWIDE SHIPPING

ALL MERCHANDISE IS BRAND NEW & FACTORY FRESH!

www.abesofmaine.com

POINT & SHOOT

Canon

SURESHOT Z-135
38-135mm Zoom Lens
•Flash w/Red Eye Reduction
•Silver Finish
$199.99

ELPH
APS Format
•24-48mm Zoom
•Stainless Steel Body
$179.99

Sureshot Z-115 ..... 189.99	Elph 2 ..... 209.99	Elph 260 ..... 99.99
Sureshot 105Zoom 149.99	Elph JR 99.99	Elph 370Z/490Z 249.99
Sureshot 85Zoom 119.99	Elph LT 79.99	Elph Sport ..... CALL!

PENTAX

IQZ 200
48-200mm Zoom Lens
•Flash w/Red Eye Reduction
•LCD Illumination
$299.99

IQZ-160 ..... 239.99	IQZ-140M 219.99	
IQZ-140 ..... 199.99		
IQZ-105WR 189.99		
IQZ-928 ..... 169.99		
IQZ-90MC 159.99		
IQZ-80E 109.99		
IQZ EZY 79.99		
Efina T Exclusive ..... CALL!		

OLYMPUS

STYLUS ZOOM 140
38-140mm Zoom Lens
•Ultra Compact
•Weather Resistant
$249.99

IS-3 ..... 499.95	IS-20 ..... 349.95	
IS-30 ..... 369.95	I Zoom 75 ..... 239.95	
Centurion ..... CALL!		
Stylus Zoom 115 ..... 189.95		
Stylus Zoom 105 ..... 159.95		
Stylus Zoom 80W ..... CALL!		
LT Zoom 105 ..... CALL!		
Stylus Epic 89.95	Stylus Epic Zoom 80 ..... 139.95	

MINOLTA

VECTIS 300
3X Zoom Lens
•99 Titles •Stainless Steel
$249.99*

Freedom Zoom 140EX 219.99		
Freedom Zoom Explorer 129.99		
Freedom Zoom Orion 159.99		
Freedom Zoom Supreme EX 189.99		
Freedom Zoom 90EX 99.99		
Vectis 40 ..... 199.99	Vectis 30 ..... 189.99	
Vectis 25 ..... 139.99	Vectis 20 ..... 89.99	
Vectis 2000 ..... CALL!		
Vectis Weathermatic Dual 259.99		

DIGITAL IMAGING

SONY

DSCD-770
•1.5 Million Pixels
•5X Optical Zoom
•2.5" LCD Screen
$1479.99

MVC-FD91
•1024x768 Resolution
•14x Zoom •Pop-Up Flash
•Image Stabilizer
$829.99

DKCFP3 Closeout! 1449.99	MVC-FD73 ..... 419.99	MVC-FD83 ..... 589.99
MVC-FD88 ..... 759.99		

OLYMPUS

D450
•1.3 Million Pixels •Pop-Up Flash
•3x Optical Zoom
•Floppy Disk Adaptor
CALL!

C-2500L ..... CALL!	
C-2000 ..... CALL!	
D-450Z ..... CALL!	
D340R ..... CALL!	
P-330 PRINTER ..... CALL!	

Kodak

DC-215
•1.3 Million Pixels
•2x Optical Zoom
•Small Compact Body
$329.99

DC-280 ..... 649.99 DC-290 ..... 799.99
DC-215 Millenium 409.99

Nikon

COOL PIX 950
•2.11 Million Pixels
•3x Optical Zoom
•2x Digital Zoom
$739.99

Cool Pix 800 ..... 489.99 D1 ..... CALL!

FUJI

MX-2700
•2.3 Million Pixels
•2" LCD Screen •Ultra Compact
$569.99

SCANNERS

Nikon

LS-2000
35mm Film Scanner
•36 Bit Color
•LED Technology
•Nikon Color Management System
$1349.99*

Cool Scan III/LS-30 ..... 699.99*
LS-4500 ..... IN STOCK!

MINOLTA

Scan Multi	Reduced Price 1849.99
Scan Speed	879.99
Scan Dual	419.99
Dimage Scan Elite	1169.99

35MM CAMERA LENSES

SIGMA

AF 70-200 2.8
HYPERSONIC EX
EOS & Nikon D
$699.99

AF 170-500
APO LENS
Minolta & Nikon D Pentax
$579.99

AF 135-400
APO LENS
Minolta & Nikon D Pentax
$439.99

AF 28-300
3.5-6.3
Canon, Nikon, Minolta & Pentax
Call

50 2.8 MACRO
Canon MF, Nikon AF/MF Minolta AF/MF, Olympus & Yashica MF
Now... **$139.99** CLOSEOUT

AF 28-70 2.8
Canon EOS Minolta AF
$219.99 CLOSEOUT

AF 105 2.8 EX
MACRO LENS
Minolta & Nikon D Pentax
$359.99

AF 50 2.8 EX
MACRO LENS
Minolta & Nikon D Pentax
$229.99

28-200 3.8-5.6
Nikon MF
$129.99 CLOSEOUT

500 7.2 APO
Yashica MF
$219.99 CLOSEOUT

TELE EXTENDER
1.4X APO EX
$159.99

70-210 4.0-5.6 APO
MANUAL FOCUS
Pentax
$79.99 CLOSEOUT

Tokina

AF 35-300 4.5-6.7
Nikon Minolta Canon Pentax
$199.99* After Rebate

AF 20-35 3.5-4.5
Nikon Minolta Canon Pentax
$249.99* After Rebate

AF 28-70 2.6-2.8
PRO
Nikon Minolta Canon Pentax
CALL

AF 80-400 4.5-5.6
Nikon Minolta Canon Pentax
$489.99* After Rebate

AF 20-35 2.8
ASPHERICAL
Nikon Minolta Canon Pentax
$599.99* After Rebate

AF 80-200 2.8
ATX PRO
Nikon Minolta Canon Pentax
$649.99* After Rebate

Vivitar

28-210 3.5-5.6
Most AF & MF Cameras
$159.99

AF 19-35 3.5-4.5
Nikon Minolta Canon
$159.99

AF 28-300 4.0-6.3
Nikon Minolta Canon
$249.99

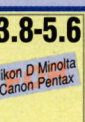
AF 100-400 4.5-6.7
Nikon Minolta Canon
$259.99

283 FLASH SYSTEM
$69.99

285 FLASH SYSTEM
$79.99

TAMRON

AF 28-200 3.8-5.6
LD SUPER
Nikon D Minolta Canon Pentax
Popular Science Magazine "Best of What's New"
Buying Cameras "Best Buy"
Includes a 6 Year USA Warranty
$249.99* After Rebate



AF 28-300 3.5-6.3
LD IF ASPHERICAL MACRO
Nikon D Minolta Canon Pentax
$449.99* After Rebate

AF 80-210 4.5-5.6
Nikon D Minolta Canon Pentax
$189.99

AF 24-70 3.3-5.6
ASPHERICAL
Nikon D Minolta Canon Pentax
$179.99

AF 70-300 4.0-5.6
LD
Nikon D Minolta Canon Pentax
$249.99

AF 90 2.8
MACRO
Nikon D Minolta Canon Pentax
$429.99

AF 200-400 5.6
LD IF
Nikon D Minolta & Canon
$539.99

AF 28 105 2.8
Nikon D Minolta & Canon
$699.99* After Rebate

COMPANY POLICY To order use Visa, Mastercard, American Express, Diners Club, Discover, Carte Blanche. COD orders welcomed or mail in Bank, Cashiers or Certified Checks. For Personal Checks and Money Orders please allow at least 4 weeks from the date we deposit your check. Call toll-free for shipping & handling charges. All merchandise is brand new. Exchange or refund less shipping & less 5% restocking fee within 21 days (7 Days for Video & Audio products) only if returned in original mint condition with carton, packing, papers and unfilled warranty cards. Quantities Limited. Pictures are for illustration only. Not responsible for typographical errors. Prices are Valid Until End of Month/Issue, and are subject to verifiable Manufacturer's price changes. Call toll free. Sorry, No Dealers. We reserve the right to limit quantities. Rebates subject to Canon program. DGA# 089887-4.

BROADWAY PHOTO

2922 Avenue L, Brooklyn, N.Y. 11210

1-800-811-2913

21 Day Satisfaction
Next Day Air Available
Worldwide Shipping
Customer Service: 718-338-3028
Local & International:
718-338-1800
24 Hour Fax Hotline: 718-338-3029
Visit Our Website at:
www.bwayphoto.com

Canon

EOS Rebel 2000 Outfit
w/Canon 28-80 Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$284.99
w/additional 100-300 ... 499.99

EOS Elan II E Outfit
w/Canon 28-80 AF Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$404.99
w/additional 100-300 ... 529.99

EOS Elan II E Pro Kit
w/Canon 28-135 USM IS Lens & Canon 75-300 USM IS Lens
- Lens Cleaning Kit
- Capkeeper • Film
- Tripod • Strap

Special!
$1089.99

EOS A2E Pro Kit
w/Canon 28-135 USM IS Lens & Canon 75-300 USM IS Lens
- Lens Cleaning Kit
- Capkeeper • Film
- Tripod • Strap

Special!
$1189.99

EOS 3 Pro Kit
w/Tamron 28-200 AF Lens & Tamron 200-400 AF Lens
- Lens Cleaning Kit
- Capkeeper • Film
- Tripod • Strap

Special!
$1679.99
Same Kit with A2E ... 1039.99

CANON CAMERAS

EOS Rebel 2000	219.99
EOS Rebel 2000 QD	249.99
EOS Elan II	304.99
EOS Elan IIE	329.99
w/28-135 USM IS	739.99
EOS Elan IIE QD	359.99
EOS A2	419.99
EOS A2E	499.99
Special w/28-135 USM IS	929.99
EOS A2E QD	589.99
New EOS-1V	CALL
EOS-1N/RS	CALL
Special EOS-3	1009.99
w/28-135 USM IS	1439.99
w/24-85 USM	1259.99
EOS IX APS	249.99
w/24-85 USM	449.99

CANON ULTRASONIC LENSES

20/2.8 USM	389.99
28/1.8 USM	349.99
50/1.4 USM	289.99
100/2.8 Macro	409.99
New 28-135/3.5 IS USM	429.99
20-35/3.5-4.5 USM	389.99
24-85/3.5-4.5 USM	249.99
28-80/3.5-5.6 USM	89.99
28-105/3.5-4.5 USM	184.99
75-300/4-5.6 USM	159.99
New 75-300/4-5.6 USM III	289.99
75-300/4-5.6 USM IS	429.99
100-300/4.5-5.6 USM	199.99
New 100-400 USM IS	1434.99
Pro 7 Elm AF Conv f/Canon	299.99

CANON "L" LENSES

200/2.8 USM	599.99
17-35/2.8 USM	979.99
20-35/2.8 USM	CALL
28-70/2.8 USM	919.99
35-350/3.5-5.6 USM	1289.99
70-200/2.8 USM	1019.99
100-300/5.6	499.99

CANON FLASHES

200 E	44.99	540 EZ	224.99
220 EX	74.99	550 EX	319.99
380 EX	119.99	480 EG	369.99

Nikon

N70 Pro Kit
w/Nikon 28-80 AF D Lens & Nikon 70-300 AF D Lens
- Lens Cleaning Kit
- Capkeeper • Film
- Tripod • Strap

Special!
$639.99

N60 Outfit
w/Nikon 35-80 AF D Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$319.99
w/additional 80-200/4.5 D 429.99

N70 Outfit
w/Nikon 35-80 AF D Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$409.99
w/additional 80-200/4.5 D 529.99

N90s Pro Kit
w/Tamron 28-200 AF Lens & Tamron 200-400 AF Lens
- Lens Cleaning Kit
- Capkeeper • Film
- Tripod • Strap

$1109.99
Same Kit with F100 ... 1649.99

F5 Body In Stock!
$2719.99

NIKON CAMERAS

N90s	659.99	N80	NEW!
N70	334.99	N60	229.99
N70 QD	379.99	F100	1059.99
F5 Anniversary			CALL
FM2			In Stock!

NIKON AF-D LENSES

16/2.8	599.99	50/1.4	229.99
18/2.8	889.99	85/1.4	739.99
20/2.8	409.99	85/1.8	309.99
24/2.8	279.99	200/4 IF	949.99
28/2.8	169.99	300/2.8	CALL
60/2.8 Macro			289.99
105/2.8 Macro		Special!	509.99
20-35/2.8 IF			1239.99
24-50/3.3-4.5			289.99
24-120/3.5-5.6			419.99
28-70/3.5-4.5		Special!	249.99
28-80/3.5-5.6			89.99
28-200/3.5-5.6			419.99
35-70/2.8			549.99
35-105/3.5-4.5			249.99
70-180/4.5-5.6			699.99
70-210/4-5.6			249.99
70-300/4-5.6			CALL
80-200/4.5-5.6			99.99
80-200/2.8 w/Tripod Collar			729.99
Pro 7 Elm AF Conv f/Nikon			329.99

NIKON AF-S LENSES

28-70/2.8 D AF-S	Special!
80-200/2.8 D AF-S	Special!
300/2.8 D AF-S	CALL
400/2.8 D AF-S	Special!

NIKON FLASHES

SB-21B Macro			339.99
SB-22			99.99
SB-23	89.99	SB-28	259.99
SB-27	159.99	SB-29	CALL

CONTAX

G-2
Body Only ... 819.99

G-2 Pro Kit ... 1859.99
- G-2 Body • T28/2.8 Lens
- T45/2.8 Lens • T90/2.8 Lens
- TLA 140 Flash • Capkeeper • Film
- Lens Cleaning Kit • Tripod • Strap

MINOLTA

HTsi Outfit
w/Minolta 28-80/4.0 AF Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$289.99
w/additional 100-300 ... 414.99

XTsi Outfit
w/Minolta 28-80/4.0 AF Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$334.99
w/additional 100-300 ... 459.99

800si Outfit
w/Minolta 35-80/4.0 AF Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$524.99
w/additional 100-300 ... 659.99

Maxxum 9 Pro Kit
w/Minolta 28-70/2.8 i AF Lens & Minolta 80-200/2.8 APO Lens
- Lens Cleaning Kit
- Strap • Film
- Capkeeper
- Tripod

$2489.99
Same Kit with 800si ... 1199.99

800si Pro Kit
w/Tamron 28-200 AF Lens & Tamron 200-400 AF Lens
- Lens Cleaning Kit
- Strap • Film
- Capkeeper
- Tripod

$1019.99
Same Kit with Maxxum 9 1809.99

MINOLTA CAMERAS

New! Maxxum QTsi	CALL
Maxxum XTsi	279.99
w/28-105	459.99
Maxxum HTsi	219.99
Maxxum 800si	459.99
w/28-105	639.99
Maxxum 9	1209.99
w/28-105	1409.99

MINOLTA AF LENSES

20/2.8	459.99	50/1.4	219.99
24/2.8	219.99	50/1.7	59.99
28/2.8	139.99	85/1.4	649.99
500/8 Reflex			CALL
New! 17-35/3.5			CALL
24-50/3.5-4.5			CALL
24-50/4			249.99
24-85/3.5-4.5 i			219.99
28-70/2.8			699.99
28-70/2.8 i			789.99
28-80/4-5.6 i			89.99
28-85/3.5-4.5 i			149.99
28-105/3.5-4.5			199.99
75-300/4.5-5.6			129.99
80-200/2.8			849.99
100-300/4.5			149.99
100-300/4.5 APO			309.99
100-400/4.5 APO			579.99
Macro 100/2.8			429.99
Macro 50/2.8			269.99
2x AF Converter f/Minolta			49.99
Pro 7 Elm AF Converter f/Minolta			269.99

MINOLTA FLASHES

3500oxi	119.99
4000 AF	CALL
5400 HS	229.99
1200 AF Macro	239.99

PENTAX

ZX-7 Pro Kit
w/Pentax 28-105/4-5.6 AF Lens & Pentax 100-300/4.5-5.6 Lens
- Lens Cleaning Kit
- Strap • Film
- Capkeeper
- Tripod

$509.99

ZX-7 Outfit
w/Pentax 28-80 AF Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$314.99
w/additional 100-300 ... 449.99

PZ-1P Outfit
w/Pentax 28-80 AF Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$519.99
w/additional 100-300 ... 649.99

ZX-5 QD Outfit
w/Pentax 28-80 AF Lens
- Lens Cleaning Kit
- Capkeeper
- Tripod
- Strap
- Film

$359.99
w/additional 100-300 ... 489.99

PZ-1P Pro Kit
w/Pentax 28-105/4-5.6 AF Lens & Pentax 100-300/4.5-5.6 Lens
- Lens Cleaning Kit
- Capkeeper
- Strap• Film
- Tripod

$674.99

PENTAX CAMERAS

ZX-50	174.99	ZX-5 QD	329.99
ZX-10	214.99	ZX-5N	299.99
New! ZX-7	CALL	PZ-1P	449.99

PENTAX LENSES

FA 28/2.8	199.99
FA 50/1.4	189.99
FA 50/1.7	119.99
FA 28-70/4.0 AL	CALL
FA 28-70/2.8	1029.99
FA 28-80/3.5-4	94.99
FA 28-105/4-5.6	199.99
FA 28-200/3.8-5.6 IF	239.99
New! FA 80-320/4.5-5.6	CALL
FA 100-300/4.5-5.6	179.99
New! F 100-300/4.5-5.6	299.99
Pro 2x AF 7 Elm Converter f/Pentax	269.99

TAMRON

28-80/3.5-5.6 Aspherical Lens
$179.99

80-210/4.5-5.6 Aspherical Lens
$179.99

100-300 UC Ultra Compact Macro Lens
$229.99

28-300/3.5-6.3 LD Aspherical Lens
$339.99

28-200/3.8-5.6 Aspherical Super LD Lens
$189.99

200-400/5.6 LD Lens
$349.99

PRO CAMERA KITS

NIKON
F5 Pro Kit
Nikon 35-70/2.8 D Lens
Nikon 80-200/2.8 D Lens
Free Full Size Tripod, Camera Bag, Capkeeper, Lens Cleaning Kit, Film and Strap with this purchase
$1649.99

CANON
A2E Pro Kit
Canon 28-105/3.5-4.5 USM Lens
Canon 100-300/4.5-5.6 USM Lens
Free Full Size Tripod, Camera Bag, Capkeeper, Lens Cleaning Kit, Film and Strap with this purchase
$829.99

NIKON
F100 Pro Kit
Nikon 35-70/2.8 D Lens
Nikon 80-200/2.8 D Lens
Free Full Size Tripod, Camera Bag, Capkeeper, Lens Cleaning Kit, Film and Strap with this purchase
$2079.99

CANON
EOS 3 Pro Kit
Canon 28-135/3.5-5.6 USM IS Lens
Canon 75-300/4-5.6 USM IS Lens
Free Full Size Tripod, Camera Bag, Capkeeper, Lens Cleaning Kit, Film and Strap with this purchase
$1839.99

NIKON
N90s Pro Kit
Nikon 35-70/2.8 D Lens
Nikon 80-200/2.8 D Lens
Free Full Size Tripod, Camera Bag, Capkeeper, Lens Cleaning Kit, Film and Strap with this purchase
$2719.99

MINOLTA
Maxxum 9 Pro Kit
Minolta 28-105/3.5-4.5 Lens
Minolta 100-300/4.5-5.6 Lens
Free Full Size Tripod, Camera Bag, Capkeeper, Lens Cleaning Kit, Film and Strap with this purchase
$1499.99

NIKON
F100 Pro Kit
Nikon 28-80/3.5-5.6 D Lens
Nikon 70-300/4-5.6 D Lens
Free Full Size Tripod, Camera Bag, Capkeeper, Lens Cleaning Kit, Film and Strap with this purchase
$1389.99

MINOLTA
Maxxum 800si Pro Kit
Minolta 28-105/3.5-4.5 Lens
Minolta 100-300/4.5-5.6 Lens
Free Full Size Tripod, Camera Bag, Capkeeper, Lens Cleaning Kit, Film and Strap with this purchase
$809.99

BROADWAY PHOTO

2922 Avenue L, Brooklyn, N.Y. 11210

1-800-811-2913

STORE HOURS

MON-THURS 9:00AM - 9:00PM
FRIDAY 9:00AM - 5:30PM
SATURDAY CLOSED
SUNDAY 10:00AM - 7:00PM

DISCOVER NOVUS · VISA · MasterCard · AMERICAN EXPRESS · COD

Visit Our Website at:
www.bwayphoto.com

CAMERA KITS

Create Your Own Kit Call for Details

VIDEO

Free Full Size Tripod

CANON CAMERA KITS

KIT #1
- Camera Body w/Electronic Flash
- Canon 28-80/3.5-5.6 USM
- Capkeeper • Film
- Lens Cleaning Kit
- Tripod • Strap

KIT #2
- Camera Body w/Electronic Flash
- Canon 28-80/3.5-5.6 USM & Canon 80-200/4.5-5.6 USM
- Capkeeper • Tripod • Film • Bag
- Strap • Lens Cleaning Kit

KIT #3
- Camera Body w/Electronic Flash
- Canon 28-105/3.5-4.5 USM
- Tripod • Film
- Capkeeper • Strap
- Lens Cleaning Kit

KIT #4
- Camera Body w/Electronic Flash
- Tamron 28-200/3.8-5.6 Super Aspherical
- Tripod • Capkeeper • Strap
- Lens Cleaning Kit • Film

KIT #5
- Camera Body w/Electronic Flash
- Canon 28-105/3.5-4.5 USM & Canon 100-300/4.5-5.6 USM
- Capkeeper • Tripod • Film • Strap
- Lens Cleaning Kit • Camera Bag

KIT #6
- Camera Body w/Electronic Flash
- Canon 24-85/3.5-4.5 USM & Canon 100-300/4.5-5.6 USM
- Capkeeper • Tripod • Film • Strap
- Lens Cleaning Kit • Camera Bag

	Kit #1	Kit #2	Kit #3	Kit #4	Kit #5	Kit #6
EOS Rebel 2000	284.99	369.99	389.99	424.99	569.99	639.99
EOS Rebel 2000 QD	314.99	409.99	414.99	454.99	599.99	679.99
EOS Elan II	359.99	449.99	489.99	484.99	634.99	689.99
EOS Elan IIE	404.99	479.99	509.99	514.99	679.99	719.99
EOS Elan IIE QD	424.99	514.99	539.99	544.99	704.99	759.99
EOS A2	479.99	604.99	619.99	639.99	769.99	879.99
EOS A2E	549.99	669.99	669.99	689.99	829.99	919.99
EOS A2E QD	649.99	769.99	769.99	789.99	929.99	1019.99
EOS 1N	1129.99	1209.99	1239.99	1359.99	1469.99	1569.99
NEW! EOS 1V	CALL	CALL	CALL	CALL	CALL	CALL
EOS 3	1099.99	1249.99	1249.99	1299.99	1409.99	1589.99
EOS IX	314.99	404.99	419.99	454.99	579.99	659.99

NIKON CAMERA KITS

KIT #1
- Camera Body w/Electronic Flash
- Nikon 28-80/3.5-5.6 D
- Capkeeper • Film
- Lens Cleaning Kit
- Tripod • Strap

KIT #2
- Camera Body w/Electronic Flash
- Nikon 28-80/3.5-5.6 D & Nikon 80-200/4.5-5.6 D
- Capkeeper • Tripod • Strap
- Lens Cleaning Kit • Film

KIT #3
- Camera Body w/Electronic Flash
- Tamron 28-200/3.8-5.6 Super Aspherical
- Tripod • Capkeeper • Strap
- Lens Cleaning Kit • Film

KIT #4
- Camera Body w/Electronic Flash
- Nikon 28-105/3.5-4.5 D
- Tripod • Film
- Capkeeper • Strap
- Lens Cleaning Kit

KIT #5
- Camera Body w/Electronic Flash
- Nikon 28-80/3.5-5.6 AF D & Nikon 70-300/4-5.6 AF D
- Capkeeper • Tripod • Film • Strap
- Lens Cleaning Kit • Camera Bag

KIT #6
- Camera Body w/Electronic Flash
- Tamron 28-300/3.5-6.3 Super Aspherical
- Capkeeper • Tripod • Film • Strap
- Lens Cleaning Kit • Camera Bag

	Kit #1	Kit #2	Kit #3	Kit #4	Kit #5	Kit #6
N-60	334.99	444.99	444.99	479.99	584.99	589.99
N-60 QD	374.99	479.99	474.99	514.99	619.99	629.99
N-70	424.99	544.99	544.99	564.99	639.99	699.99
N-70 QD	459.99	574.99	579.99	599.99	679.99	739.99
New! N-80	CALL	CALL	CALL	CALL	CALL	CALL
N-90s	739.99	839.99	864.99	879.99	999.99	974.99
F-100	1159.99	1259.99	1324.99	1329.99	1389.99	1394.99
F-5	1769.99	1829.99	1909.99	1939.99	1924.99	1974.99
FM-2	469.99	559.99	549.99	579.99	699.99	694.99

MINOLTA CAMERA KITS

KIT #1
- Camera Body w/Electronic Flash
- Minolta 28-80/4-5.6 AF
- Capkeeper • Film
- Lens Cleaning Kit
- Tripod • Strap

KIT #2
- Camera Body w/Electronic Flash
- Minolta 28-80/4-5.6 AF & Minolta 80-200/4.5-5.6 AF
- Capkeeper • Tripod • Film • Bag
- Lens Cleaning Kit • Strap

KIT #3
- Camera Body w/Electronic Flash
- Tamron 28-200/3.8-5.6 Super Aspherical
- Tripod • Capkeeper • Strap
- Lens Cleaning Kit • Film

KIT #4
- Camera Body w/Electronic Flash
- Tamron 28-300/3.5-6.3 Super Aspherical
- Tripod • Capkeeper • Strap
- Lens Cleaning Kit • Film

KIT #5
- Camera Body w/Electronic Flash
- Minolta 28-105/3.5-4.5 AF & Minolta 100-300/4.5-5.6 AF
- Capkeeper • Tripod • Film • Strap
- Lens Cleaning Kit • Camera Bag

KIT #6
- Camera Body w/Electronic Flash
- Minolta 24-85/3.5-4.5 AF & Minolta 75-300/4-5.6 AF
- Capkeeper • Tripod • Film • Strap
- Lens Cleaning Kit • Camera Bag

	Kit #1	Kit #2	Kit #3	Kit #4	Kit #5	Kit #6
New! Maxxum STsi	CALL	CALL	CALL	CALL	CALL	CALL
New! Maxxum QTsi	264.99	334.99	409.99	564.99	519.99	629.99
Maxxum HTsi	289.99	364.99	429.99	579.99	549.99	649.99
Maxxum XTsi	334.99	424.99	474.99	639.99	574.99	679.99
Maxxum 800si	544.99	634.99	644.99	849.99	809.99	849.99
Maxxum 800si QD	614.99	704.99	714.99	919.99	879.99	919.99
New! Maxxum 9	1264.99	1349.99	1459.99	1519.99	1499.99	1589.99

PENTAX CAMERA KITS

KIT #1
- Camera Body w/Electronic Flash
- Pentax 28-80/3.5-4.7
- Capkeeper • Film
- Lens Cleaning Kit
- Tripod • Strap

KIT #2
- Camera Body w/Electronic Flash
- Pentax 28-80/3.5-4.7 AF & Pentax 80-200/4.7-5.6 AF
- Capkeeper • Tripod • Film• Bag
- Lens Cleaning Kit • Strap

KIT #3
- Camera Body w/Electronic Flash
- Pentax 28-105/4-5.6 AF
- Tripod • Film
- Capkeeper • Strap
- Lens Cleaning Kit

KIT #4
- Camera Body w/Electronic Flash
- Tamron 28-200/3.8-5.6 Super Aspherical
- Tripod • Capkeeper • Strap
- Lens Cleaning Kit • Film

KIT #5
- Camera Body w/Electronic Flash
- Pentax 28-105/4-5.6 AF & Pentax 100-300/4.5-5.6 AF
- Capkeeper • Tripod • Film • Strap
- Lens Cleaning Kit • Camera Bag

KIT #6
- Camera Body w/Electronic Flash
- Tamron 28-300/3.5-6.3 Super Aspherical
- Tripod • Capkeeper • Strap
- Lens Cleaning Kit • Film

	Kit #1	Kit #2	Kit #3	Kit #4	Kit #5	Kit #6
ZX-M	219.99	299.99	319.99	3394.99	449.99	509.99
ZX-50	239.99	329.99	329.99	349.99	409.99	589.99
ZX-10	259.99	354.99	374.99	389.99	474.99	629.99
New! ZX-7	314.99	414.99	379.99	469.99	509.99	644.99
ZX-5N	329.99	424.99	464.99	514.99	574.99	669.99
PZ-1P	519.99	559.99	614.99	659.99	674.99	849.99

All Our Products Carry a USA Warranty

Canon

XL-1
- Digital Camcorder/ Camera
- 3 CCD
- Interchangeable Lenses

$3409.99

GL-1
- Mini DV Format
- 20x Optical/ 100x Digital Zoom
- 3 CCD

$1974.99

Vistura	739.99	Ultura	769.99
ES-8000V	CALL	ZR	599.99
Elura	1109.99	Optura	1059.99

SONY

DCR-TRV10
- Color Viewfinder
- SteadyShot
- LCD Screen and More!

$1179.99

DCR-PC100
- Mini DV Format
- 120x Dig. Zoom
- 2.5" LCD Screen
- Ultra-Compact and More!

$1609.99

NEW! DSR-PD100A	2349.99	DCR-TRV900	1629.99
DCR-VX1000	2729.99	*NEW!* DCR-PC3	1409.99
DCR-TRV8	989.99	DCR-TRV310	639.99
DCR-PC1	1089.99	DCR-TRV510	839.99
NEW! CCD-TRV37	CALL	*NEW!* DCR-TRV120	CALL
NEW! CCD-TRV57	CALL	*NEW!* DCR-TRV320	CALL
NEW! CCD-TRV67	CALL	*NEW!* DCR-TRV520	CALL
NEW! CCD-TRV87	CALL	*NEW!* DCR-TRV720	CALL
NEW! DSR-300A	CALL	*NEW!* DCR-TRV820	CALL

Panasonic

AG-456
- Stereo Zoom Microphone
- Special Effects
- S-VHS Format

$1259.99

AG-1980
- Professional S-VHS Editing VCR

$889.99

AG-188	479.99	PVL-859	529.99
AG-196	879.99	PVD-V910	659.99

JVC

GR-DVM70
- Mini DV Format
- LCD Screen
- 200x Zoom

$969.99

GR-DVL9500
- 3.8" LCD Screen
- Color Viewfinder
- 200x Zoom

$1079.99

NEW! GR-DVL9800 ..... CALL

GRDVM-50	819.99	GR-DVF31	679.99
GR-DVF11	539.99	GR-DVF21	609.99

DIGITAL CAMERAS

All New Models In Stock

Sony Mavica FD-91
- 1024x768 Res.
- SteadyShot
- LCD Screen
- Removable 3.5" Floppy

$784.99

NEW! Mavica FD-25 ..... CALL

Sony Mavica FD-88
- 8x Optical Zoom
- 1.3 Million Pixels
- Floppy Disk & More!

$639.99

NEW! Mavica FD-90 ..... CALL

Canon Powershot S10
- 2.11 Mega Pixel
- 2x Optical Zoom
- Ultra Compact & Small

$559.99

Powershot A50 ..... 349.99

Sony DSC-F505
- 5x Optical/10x Digital Zoom
- High-Speed Autofocus
- 1600x1200 Resolution

$879.99

DSC-D770 ..... CALL

Nikon Coolpix 950
- 3x Optical Zoom
- 1600x1200 Resolution
- 2" LCD Monitor

$634.99

NEW! Coolpix 990 ..... CALL

Olympus C-2500L
- 2.5 Million Pixels
- 1712x1368 Resolution
- 16.7 Million Colors

$1049.99

NEW! C-3030 ..... CALL

Olympus D450Z	419.99	Kodak DC-290	719.99
Nikon Coolpix 800	479.99	*NEW!* Sony DSC-D70	CALL
Canon Powershot Pro 70	869.99	Sony Mavica FD-83	519.99
Kodak DC-280	559.99	Olympus C-2020	679.99

Policy: Visa, Mastercard, Discover, American Express, Diners Club, Money Orders, Certified Check, (Personal Checks up to 14,000.00 with name and address imprinted on check). C.O.D. orders are also accepted. Orders by mail please print name address and phone number clearly. Shipping methods - in the Continental U.S.A. will be via Fedex, U.P.S. or Air Mail. Over size items via truck. Shipping and Handling are additional. 21 days for return or exchange (video 7 days) with prior authorization only. (Call customer service for authorization number). Shipping and Handling are not refundable. All returns are subject to a minimum restocking fee of 5%. Prices may reflect mail-rebate. All returned merchandise must be in new condition and must include all packaging and printed material in original, unaltered condition. Broadway Photo is not responsible for typographical errors. All items are covered by USA, International or Broadway Photo and Video Warranty. All our merchandise is brand new and factory fresh. Thank you and enjoy your order.

CCI CAMERA CITY Inc.

342 KINGS HIGHWAY, BROOKLYN NY 11223

21 DAYS SATISFACTION GUARANTEED

1-800-733-0395

OVERNIGHT SHIPPING AVAILABLE
WE SHIP WORLDWIDE!

Information#	1-718-627-5600
International #	1-718-375-2916
Customer Service #	1-718-627-4224
24 Hour Fax Sales #	1-718-627-8493
Customer Service Fax #	1-718-627-6427

INTERNATIONAL ORDERS WELCOME

OPEN SUNDAYS
BUSINESS HOURS
Sunday 10:00am to 7:00pm
Mon-Thurs 9:30am to 9:00pm
Friday 9:30am to 4:30pm
Saturday Closed

DISCOVER VISA MasterCard Cards COD

CUSTOMER SERVICE HOURS
Mon-Thurs 10:30am to 5:00pm
Friday 10:00am to 4:00pm

THE BEST SELECTION OF CAMERA KITS AT THE LOWEST PRICES!

SLIK bogen TIFFEN HOYA tamrac HITACHI BOSE QUANTUM SIGMA

VISIT OUR WEBSITE AT www.cciameracity.com

Canon EOS 1N PRO KIT

- EOS 1N BODY
- CANON 28-135 USM IS IMAGE STABILIZER
- CANON 75-300 USM IS IMAGE STABILIZER
- STRAP ■LENS CLEANING KIT
- TRIPOD ■FILM ■CAMERA BAG

SUPER LOW PRICE **$1879.99**

Canon EOS 3 PRO KIT

- EOS 3 BODY
- CANON 28-135 USM IS
- CANON 75-300 USM IS IMAGE STABILIZER
- STRAP ■LENS CLEANING KIT
- TRIPOD ■FILM ■CAMERA BAG

$1749.99

EOS A2E PRO KIT (SAME AS ABOVE) $1319.99

Canon NEW! EOS IV NOW IN STOCK!

K-1 PACKAGE	K-2 PACKAGE	K-3 PACKAGE	K-4 PACKAGE	K-5 PACKAGE
■Body w/Electronic Flash ■Canon 28-80 F3.5-5.6 USM Lens ■Tripod ■Strap ■Film ■Lens Cleaning Kit ■Cap Keeper ■Eyecup	■Body w/Electronic Flash ■Canon 28-105 USM Lens ■Lens Cleaning Kit ■Tripod ■Eyecup ■Strap ■Film	■Body w/Electronic Flash ■Canon 28-135 f3.5-5.6 IS Image Stabilizer ■Tripod ■Strap ■Lens Cleaning Kit ■Film ■Eyecup	■Body w/Electronic Flash ■Tamron 28-200 3.8-5.6 Lens ■Eye Cup ■Tripod ■Strap ■Lens Cleaning Kit	■Body w/Electronic Flash ■Canon 28-135 f3.5 USM IS Lens ■Canon 75-300 f4.0 USM IS Lens ■Strap ■Film ■Eyecup ■Tripod ■Lens Cleaning Kit
K-6 PACKAGE	**K-7 PACKAGE**	**K-8 PRO KIT**	**K-9 PACKAGE**	**K-10 PACKAGE**
■Body w/Electronic Flash ■Canon 28-80 F3.5-5.6 USM ■Canon 80-200 F4.5-5.6 USM Lens ■Tripod ■Strap ■Case ■Lens Cleaning Kit	■Body w/Electronic Flash ■Tamron 28-300 f3.8 Lens ■Tripod ■Strap■Camera Bag ■Lens Cleaning Kit ■Film	■Body w/Electronic Flash ■Canon 28-105 F3.5-4.5 USM ■Canon 100-300 F4.5-5.6 USM Lens ■Strap ■Tripod ■Camera Bag	■Body w/Electronic Flash ■Canon 24-85F3.5-4.5USM ■Canon 75-300 F4.0-5.6 USM IS Lens Image Stabilizer ■Strap ■Tripod ■Camera Bag	■Body w/Electronic Flash ■Tamron 28-200 F3.8-5.6 Lens ■Tamron200-400 F5.6 Lens ■Strap ■Tripod ■Lens Cleaning Kit ■Camera Bag

PACKAGES	K-1	K-2	K-3	K-4	K-5	K-6	K-7	K-8	K-9	K-10
EOS Rebel 2000	289.99	384.99	629.99	424.99	1034.99	374.99	569.99	569.99	839.99	799.99
EOS Rebel 2000 QD	329.99	409.99	664.99	449.99	1064.99	399.99	634.99	599.99	869.99	829.99
EOS Elan II	354.99	459.99	739.99	474.99	1094.99	429.99	674.99	664.99	949.99	899.99
EOS Elan IIE	389.99	484.99	774.99	514.99	1119.99	464.99	699.99	684.99	989.99	949.99
EOS Elan IIE QD	409.99	509.99	794.99	CALL	1149.99	499.99	724.99	719.99	1019.99	969.99
EOS A2	474.99	619.99	869.99	649.99	1234.99	594.99	819.99	789.99	1049.99	1039.99
EOS A2E	549.99	664.99	919.99	704.99	1319.99	659.99	879.99	859.99	1119.99	1099.99
EOS 1N	1139.99	1259.99	1479.99	1399.99	1879.99	CALL	1384.99	1499.99	1724.99	CALL
EOS 3	1129.99	1349.99	1459.99	1329.99	1749.99	1279.99	1389.99	1409.99	1799.99	1649.99
NEW EOS 1V	1959.99	2059.99	2299.99	2099.99	2699.99	2049.99	2319.99	2259.99	2549.99	2499.99
EOS IX (APS)	309.99	414.99	679.99	444.99	1034.99	399.99	634.99	599.99	899.99	849.99

Nikon BRINGING YOU GREAT DEALS FOR GREAT PRICES!

NEW! N-80 NOW IN STOCK!

K-11 PACKAGE	K-12 PACKAGE	K-13 PACKAGE NEW	K-14 PACKAGE	K-15 PACKAGE
■Body w/Electronic Flash ■Nikon 35-80 F4.0-5.6D Lens ■Lens Cleaning Kit ■Tripod ■Strap ■Eyecup ■Cap Keeper ■Roll of Film	■Body w/Electronic Flash ■Nikon 28-80 F3.5-5.6D Lens ■Lens Cleaning Kit ■Strap ■Tripod ■Eyecup ■Cap Keeper ■Roll of Film	■Body w/Electronic Flash ■Nikon 28-105 3.5D Lens ■Tripod ■Strap ■Lens Cleaning Kit ■Film ■Capkeeper	■Body w/Electronic Flash ■Nikon 24-120 3.5-5.6D AF Lens ■Strap ■Tripod ■Film ■Lens Cleaning Kit	■Body w/Electronic Flash ■Tamron 28-200 3.8-5.6 Lens ■Eyecup ■Roll of Film ■Full Size Tripod ■Lens Cleaning Kit
K-16 PACKAGE	**K-17 PACKAGE**	**K-18 PACKAGE**	**K-19 PACKAGE**	**K-20 PACKAGE**
■Body w/Electronic Flash ■Nikon 28-200 F3.5-5.6 D Lens ■Full Size Tripod ■Strap■Film ■Eyecup ■Lens Cleaning Kit	■Body w/Electronic Flash ■Tamron 28-300 F3.8 AF Lens ■Tripod ■Camera Bag ■Eyecup■Lens Cleaning Kit	■Body w/Electronic Flash ■Nikon 28-80 F3.5-5.6D Lens ■Nikon 80-200 F4.5-5.6D Lens ■Tripod ■Camera Bag ■Eyecup■Lens Cleaning Kit	■Body w/Electronic Flash ■Nikon 28-80 F3.5-5.6 ■Nikon 75-300 F4.5-5.6 Lens ■Camera Bag ■Full Size Tripod■Lens Cleaning Kit	■Body w/Electronic Flash ■Tamron 28-200 F3.8-5.6 Lens ■Tamron 200-400 F5.6 Lens ■Strap ■Tripod ■Film ■Lens Cleaning Kit ■Pro Bag

PACKAGES	K-11	K-12	K-13	K-14	K-15	K-16	K-17	K18	K-19	K-20
N-60	314.99	329.99	494.99	579.99	469.99	619.99	599.99	429.99	559.99	839.99
N-60QD	354.99	364.99	524.99	599.99	500.99	639.99	644.99	459.99	594.99	879.99
N-70	399.99	419.99	574.99	669.99	579.99	709.99	684.99	519.99	614.99	909.99
N-70QD	439.99	459.99	609.99	699.99	619.99	749.99	739.99	549.99	664.99	949.99
N-80	CALL	CALL	CALL	CALL	CALL	CALL	CALL	CALL	CALL	CALL
N-90S	754.99	779.99	894.99	999.99	899.99	1049.99	969.99	839.99	989.99	1149.99
F5	1759.99	1769.99	1959.99	1969.99	1979.99	2049.99	1939.99	1839.99	1929.99	2119.99
F100	1159.99	1169.99	1349.99	1419.99	1359.99	1449.99	1389.99	1269.99	1389.99	1699.99
FM2	439.99	454.99	599.99	719.99	549.99	719.99	699.99	559.99	699.99	859.99

Nikon F5 PRO KIT

SPECIAL

- NIKON F5 BODY
- NIKON 35-70 2.8DLENS
- NIKON 80-200 2.8D LENS ■FILM
- LENS CLEANING KIT ■PRO TRIPOD
- WIDE STRAP ■CAMERA BAG
- EYECUP ■CAP KEEPER

$2949.99

Nikon N-90S PRO KIT

- NIKON N-90S BODY
- NIKON 35-70 F2.8D LENS
- NIKON 80-200 F2.8D LENS
- TRIPOD ■STRAP ■CAMERA BAG
- LENS CLEANING KIT ■EYECUP

$1899.99

F100 PRO KIT (SAME AS ABOVE) $2349.99

MINOLTA NEW QTSi NOW IN STOCK!

K-21 PACKAGE	K-22 PACKAGE	K-23 PACKAGE	K-24 PACKAGE
■Body w/Electronic Flash ■Minolta 28-80 F4.0-5.6 AF Lens ■2 Rolls of Film ■Lens Cleaning Kit ■Strap ■Tripod	■Body w/Electronic Flash ■Minolta 28-105 F3.5-4.5 AF Lens ■Strap ■Tripod ■Lens Cleaning Kit ■Eye Cup ■Roll of Film	■Body w/Electronic Flash ■Tamron 28-200 3.8-5.6 Lens ■Lens Cleaning Kit ■Strap■Tripod ■Eye Cup	■Body w/Electronic Flash ■Tamron 28-300 F3.8 AF Lens ■Strap ■Tripod ■Film ■Lens Cleaning Kit
K-25 SUPER KIT	**K-26 PACKAGE**	**K-27 PACKAGE**	**K-28 PACKAGE**
■Body w/Electronic Flash ■Minolta 28-80 F4.0-5.6 AF Lens ■Minolta 80-200 F4.5-5.6 AF Lens ■Lens Cleaning Kit ■Cap Keeper ■Tripod ■Strap ■Film	■Body w/Electronic Flash ■Tamron 28-200 F3.8 ■Tamron 200-400 F5.6Lens ■Strap ■Tripod ■Lens Cleaning Kit ■Camera Bag	■Body w/Electronic Flash ■Minolta 28-105 F3.5■Strap ■Minolta 100-300 F4.5 Lens ■Tripod ■Camera Bag ■Eyecup ■Lens Cleaning Kit	■Body w/Electronic Flash ■Minolta 24-85 F3.5-4.5 AF Lens ■Minolta 75-300 F4.0-5.6 AF Lens ■Lens Cleaning Kit ■Tripod ■Strap ■Film

PACKAGES	K-21	K-22	K-23	K-24	K-25	K-26	K-27	K-28
MAXXUM QTSi	259.99	359.99	399.99	549.99	344.99	789.99	499.99	609.99
MAXXUM HTSi	294.99	379.99	419.99	569.99	369.99	789.99	524.99	639.99
MAXXUM XTSi	339.99	429.99	489.99	639.99	439.99	839.99	554.99	674.99
MAXXUM 500SI	259.99	339.99	394.99	599.99	389.99	759.99	449.99	599.99
MAXXUM 800SI	539.99	639.99	684.99	769.99	649.99	1049.99	794.99	834.99
MAXXUM 9	1299.99	1389.99	1489.99	1539.99	1459.99	1839.99	1499.99	1619.99

PENTAX NEW ZX7 NOW IN STOCK!

K-29 PACKAGE	K-30PACKAGE	K-31 PACKAGE
■Body w/Electronic Flash ■Pentax 35-80 AF Lens ■Lens Cleaning Kit ■Tripod ■Strap ■Cap Keeper■Roll of Film	■Body w/Electronic Flash ■Pentax FA 28-80 F3.5-4.7 Lens ■Strap ■Tripod ■Lens Cleaning Kit ■Cap Keeper■Roll of Film	■Body w/Electronic Flash ■Pentax FA 28-105 F4.0-5.6 Lens ■Strap ■Tripod ■Lens Cleaning Kit ■Case ■Eyecup ■Roll of Film
K-32 PRO KIT	**K-33 SPECIAL PACKAGE**	**K-34 PACKAGE**
■Body w/Electronic Flash ■Pentax 28-105 F4.0-5.6 ■Pentax FA 100-300 F 4.5-5.6 Lens ■Tripod ■Gadget Bag■Lens Cleaning Kit	■Body w/Electronic Flash ■Tamron 28-200 f3.8-5.6 lens ■Tripod ■Strap ■Cap Keeper ■Lens Cleaning Kit	■Body w/Electronic Flash ■Pentax FA 28-80 F3.5 AF Lens ■Pentax 80-200 F4.5 AF Lens ■Tripod ■Cap Keeper ■Film ■Eyecup

PACKAGES	K-29	K-30	K-31	K-32	K-33	K-34
NEW ZX-7	329.99	324.99	379.99	514.99	459.99	414.99
PZ-1P	529.99	489.99	609.99	674.99	699.99	559.99
ZX-5N	334.99	329.99	449.99	589.99	499.99	449.99
ZX-10	CALL	CALL	384.99	499.99	444.99	CALL
ZX-50	239.99	214.99	319.99	419.99	314.99	349.99
ZXM	219.99	204.99	299.99	429.99	379.99	264.99

Canon 540EZ SPEEDLIGHT **$224.99**

Canon 380EX FLASH **$119.99**

MINOLTA 5400 HS SPEEDLIGHT **$259.99**

MINOLTA 3500XI FLASH **$99.99**

Nikon SB-28 SPEEDLIGHT **$259.99**

Nikon SB-22S FLASH **$114.99** NEW!

CCI CAMERA CITY Inc.

342 KINGS HIGHWAY, BROOKLYN NY 11223

21 DAYS SATISFACTION GUARANTEED

1-800-733-0395

Information#	1-718-627-5600
International #	1-718-375-2916
Customer Service #	1-718-627-4224
24 Hour Fax Sales #	1-718-627-8493
Customer Service Fax #	1-718-627-6427

E-MAIL ORDERS: ccicam@aol.com

Visit our Website at **www.ccicameracity.com**

24-HOUR SHIPPING AVAILABLE

OPEN SUNDAYS

BUSINESS HOURS

Sunday 10:00am to 7:00pm
Mon-Thurs 9:30am to 9:00pm
Friday 9:30am to 4:30pm
Saturday Closed

Visit our Website at www.cciameracity.com

Tokina Vivitar SIGMA TAMRON SAMYANG PHOENIX

THE BEST OF NEW LENSES AT THE LOWEST PRICES

PLEASE PLACE YOUR ORDER BY BOX NUMBER

Canon L1 EF 24-85MM F3.5-4.5 ULTRASONIC AUTO FOCUS $209.99

Canon L2 MACRO EF 50MM F2.5 AUTO FOCUS FOR EOS $219.99

MINOLTA L3 AF 500 F 8.0 AF REFLEX LENS $399.99

MINOLTA L4 AF 24MM F 2.8 FOR ALL MAXXUM CAMERAS $219.99

Nikon L5 AF 20MM F 2.8D AUTO FOCUS $379.99

Nikon L6 AF 24MM F 2.8D AUTO FOCUS $229.99

Nikon L7 NEW AFS 28-70 F 2-8 SILENT WAVE IN STOCK $1399.99

PENTAX L8 AF 28-200 F3.8-5.6 AUTO FOCUS $199.99

TAMRON L9 AF 28-200 F3.8-5.6 ASPHERICAL SUPER FOR MAXXUM, EOS, NIKON $249.99 AFTER REBATE

Canon L10 MACRO EF 100MM F2.8 AUTO FOCUS FOR EOS $419.99

Canon L11 EF 20-35 F 3.5-4.5 ULTRASONIC AUTO FOCUS $309.99

MINOLTA L12 MACRO AF 50MM F2.8 AUTO FOCUS LENS $234.99

MINOLTA L13 MACRO AF 100MM F2.8 AUTO FOCUS FOR MAXXUM $429.99

Nikon L14 AF 24-120MM F 3.5-5.6D AUTO FOCUS $394.99

Nikon L15 MACRO AF 60MM F 2.8D AUTO FOCUS $269.99

Nikon L16 AF28-80 F 3.5-5.6D AUTO FOCUS $109.99

PENTAX L17 FA 28-80 F 3.5-4.7 AUTO FOCUS $89.99

Canon L18 EF 28-80 F 3.5-5.6 ULTRASONIC AUTO FOCUS $79.99

Canon L19 EF 28-105 F 3.5-4.5 ULTRASONIC AUTO FOCUS $189.99

MINOLTA L20 AF 24-50 F 4.0 AUTO FOCUS FOR MAXXUM $199.99

MINOLTA L21 AF 24-85 F 3.5-4.5 AUTO FOCUS FOR MAXXUM $309.99

Nikon L22 MACRO AF 105MM F 2.8D AUTO FOCUS $519.99

Nikon L23 NEW AF 28-105 F 3.5-4.5 AUTO FOCUS $249.99

Nikon L24 AF20-35 F 2.8D AUTO FOCUS SPECIAL $1239.99

PENTAX L25 AF 80-200 F 4.0-5.6 AUTO FOCUS $99.99

TAMRON L26 200-400 F5.6 FOR MAXXUM, EOS, NIKON $439.99 AFTER REBATE

Canon L27 EF 55-200 F 4.5-5.6 NEW AUTO FOCUS FOR EOS $159.99

Canon L28 EF 28-135 F 3.5-5.6 NEW ULTRASONIC IMAGE STABILIZER $394.99

MINOLTA L29 AF 28-80 F 4.0-5.6 AUTO FOCUS FOR MAXXUM $79.99

MINOLTA L30 AF 28-105 F 3.5-4.5 AUTO FOCUS FOR MAXXUM $189.99

Nikon L31 AF 24-50 F 3.3-4.5D AUTO FOCUS $244.99

Nikon L32 AF 28-70 F 3.5-4.5D AUTO FOCUS $239.99

Nikon L33 AF28-200 NEW F 3.5-5.6D AUTO FOCUS $379.99

PENTAX L34 FA 100-300 F 4.0-5.6 AUTO FOCUS $159.99

Canon L35 EF 100-400 F 4.5-5.6 IMAGE STABILIZER NEW $1499.99

Canon L36 EF 80-200 F 4.5-5.6 AUTO FOCUS FOR EOS $89.99

MINOLTA L37 AF 35-80 F 4.0-5.6 AUTO FOCUS FOR MAXXUM $69.99

MINOLTA L38 AF 75-300 F 4.5-5.6 AUTO FOCUS LENS $124.99

Nikon L39 AF 35-70 F2.8 D AUTO FOCUS SPECIAL $519.99

Nikon L40 AF80-200 F 4.5-5.6D AUTO FOCUS SPECIAL $99.99

PENTAX L41 FA 80-320 F 4.0-5.6 AUTO FOCUS $199.99

TAMRON L42 28-300 F3.8-5.6 ASPHERICAL FOR INTERNAL FOCUSING $399.99 AFTER REBATE

Canon L43 EF 75-300 F4.0-5.6 IMAGE STABILIZATION ULTRASONIC SPECIAL $419.99

MINOLTA L44 AF 80-200 F 4.5-5.6 AUTO FOCUS FOR ALL MAXXUM CAMERAS $89.99

MINOLTA L45 AF 100-300 F 4.5-5.6 AUTO FOCUS FOR MAXXUM $139.99

Nikon L46 AFS 80-200 NEW F 2.8 SILENT WAVE $1269.99

Nikon L47 AF 70-210 F 4.0-5.6D AUTO FOCUS $194.99

Nikon L48 AF70-300 F 4.5-5.6D AUTO FOCUS $229.99

PENTAX L49 AF 28-105 F 4.0-5.6 AUTO FOCUS $149.99

Canon L50 EF 100-300 F 4.5-5.6 ULTRASONIC AUTO FOCUS $199.99

Canon L51 EF 75-300 F 4.0-5.6 AUTO FOCUS FOR EOS $134.99

MINOLTA L52 AF 100-300 APO F 4.5-5.6 AUTO FOCUS FOR MAXXUM $309.99

MINOLTA L53 AF 100-400 APO F 4.5-6.7 NEW AUTO FOCUS FOR MAXXUM $589.99

Nikon L54 AF 80-200 F2.8D W/TRIPOD COLLAR SPECIAL $729.99

Nikon L55 AFS 300MM NEW F 2.8D SILENT WAVE $4349.99

MANUAL FOCUS L56 LENS FOR **PENTAX**

28-70 F 3.5-4.5	94.99
70-210 F 4.0	94.99
75-300 F 4.5	139.99

800-1200 L57 NEW F9.9 SUPER TELEPHOTO LENS FOR NIKON, PENTAX CANON, MINOLTA $299.99 SPECIAL

THE BEST OF THE LATEST MODELS OF DIGITAL CAMERAS

SONY

MAVICA FD-91 DIGITAL CAMERA
- Optical Image Stabilization
- Color Viewfinder
- 14X Optical Zoom

$779.99

DSC-F505 NEW! DIGITAL STILL CAMERA
- 1600x1200 Resolution
- 5X Optical/10x Digital Zoom
- Memory Stick™
- Hi Speed Auto Focus

$899.99

DSC-S30	CALL	MVC-FD90	CALL
DSC-S50	CALL	MVC-FD88	649.99
DSC-S70	CALL	MVC-FD85	CALL
DSC-D770	1049.99	MVC-FD83	549.99
DSC-D700	1199.99	MVC-FD73	409.99
MVC-FD95	CALL	MVC-FD71	399.99

OLYMPUS

C-2500L NEW! SLR DIGITAL CAMERA
- 3x Optical Zoom
- 1712x1368 Super High Resolution

In Stock

U-450 ZOOM NEW! NEWEST COMPACT DIGITAL POINT & SHOOT
- 3x, 35-105mm Zoom
- 1280x960 Hi-Res
- 1.8" Color LCD Supercam

$Call

Nikon

COOLPIX 950S NEW! DIGITAL CAMERA
- 1280x960 Resolution
- 1.3 Million Pixels

$649.99

COOLPIX 990 NEW! DIGITAL CAMERA
- 3.34 Mega Pixel
- 2048x1536 Res
- 3x Zoom (38-115mm)

In Stock

Canon

POWERSHOT PRO 70 DIGITAL CAMERA
- 1.68 Million Pixels
- 1536x1024 Res
- 2" LCD Display

$799.99

NEW Digital Printer CD-300 ..... CALL

POWERSHOT A-50 NEW! DIGITAL CAMERA
- 1280x960 Res
- 4.3-10.8mm Lens (28-70)

$359.99

NEW Powershot S10	569.99
NEW Powershot S20	799.99

SCANNERS

CANON 2710	$509.99
MINOLTA DIMAGE SCAN ELITE	$1149.99
MINOLTA DIMAGE SCAN SPEED	$829.99
MINOLTA DIMAGE SCAN DUAL	$379.99
MINOLTA MULTI SCAN	$1869.99
NIKON SUPER COOLSCAN 2000	CALL

These are mail order prices only. If you wish to drive to the store, please call ahead of time. We accept *ALL MAJOR CREDIT CARDS.* COD and Money Orders are Welcome. Shipping charges 6% of the total, minimum $12.99. Camera equipment 1-7 days no restocking fee, 8-21 days5% restocking fee.Prices are after the manufacture rebate. 21 days for return or exchange. video 7 days. All items returned must be in original packaging. No returns without return authorization number. Shipping and handling are not refundable. Not responsible for typographical errors. Some items carry International Warranty. USA Warranty may vary in cost.

For additional information circle #326 on Reader Service Card

Nikon Advanced Systems Dealer

Nikon®

SEE THE DIFFERENCE A NIKON MAKES!

CALL FOR NIKON'S NEWEST PROMOTIONS!

F5 IMPORTED FROM THE FUTURE

- The world's fastest autofocus at up to 8 frames per second
- 24 built-in custom settings
- 3D Color Matrix Meter with 1,005 sensors
- Focus tracking with Lock-on™

F100 NIKON'S NEWEST PROFESSIONAL SLR

- Rugged metal construction
- Small light-weight design
- New 10 segment Matrix meter
- High Speed Focus Tracking with Lock-on™: up to 4.5 fps
- 5 AF Area Focus system

$1299.00 BODY ONLY

N90s FAST, ACCURATE, PROFESSIONAL

- Fast and accurate Auto Focus system up to 4.1 frames per second
- Featuring Focus-Tracking with Lock-on™
- Incomparable 3D Matrix Meter for precise exposures

$729.95 BODY ONLY

Nikon. We take the world's greatest pictures.®

N60 STEP UP TO GREAT PHOTOGRAPHY

OUTFIT!

- SLR flexibility
- 3D Matrix Metering
- Focus Tracking
- Built-in AF assist illuminator

$399.95 with AF Nikkor 28-80mm

Includes 28-80mm Zoom Strap, Film & Battery

AUTOFOCUS LENSES

- Sharp, high contrast images
- Superior quality Nikon glass
- Include 1-year warranty plus 4-years extended service coverage from Nikon

16 2.8 D Fish-Eye ...727.70	18 2.8 D 1265.10
20 2.8 D 439.95	180 2.8 D ED IF.....699.95
200 4.0 Micro 1249.95	
400 2.8 D ED IF....8499.00	500 4.0 D ED IF.....7899.00
60 2.8 D Micro 354.95	105 2.8 D Micro 609.95
300 2.8 D ED IF.....5199.00	
300 4.0 ED IF.....899.95	600 4.0 D ED IF.....9999.00
NEW! 17-35 2.8 D IF-ED AF-S .....CALL	
24-120 3.5-5.6 D AF 489.95	
NEW! 28-70 2.8 AF-S .....CALL	
NEW! 28-80 3.5-5.6 D 119.95	
28-85 3.5-4.5.....451.50	28-200 3.5-5.6 D IF ..489.95
35-70 2.8 D IF 624.95	
35-135 3.5-4.5N 490.30	
70-180 4.5-5.6 D ED Mic.....980.00	
70-300 4-5.6 D ED 299.95	
NEW! 75-240 4.5-5.6D 149.95	
NEW! 80-200 2.8 AF-S .....CALL	
1.4x Tele AIS (for AF/AIS lenses 300mm or longer) 607.30	
2x Tele AIS (for AF/AIS lenses 300mm or longer) 607.30	
1.4x Teleconverter (for AF-1/AF-S lenses).....507.70	
2x Teleconverter (for AF-1/AF-S lenses).....571.20	

All Nikon Products Include Nikon USA Limited Warranty

Hunt's Photo & Video

Est. 1889

ORDERS: PHONE (800) 924-8682 or FAX (800) 336-3841

Info & Customer Service: (781) 662-6685 Website: www.wbhunt.com

Mon-Thurs 8am-7pm
Fri & Sat 8am-4:30pm

100 MAIN STREET, MELROSE, MA 02176

SEE US ON ART MORRIS' WEBSITE! birdsasart.com

VISA DISCOVER MasterCard

Kodak

Great Savings on Kodak Consumer and Professional Film!

Kodak PRO Products Network

USA FILM

Ektapress PJ100 135-36 20 PK

- Rich accurate colors
- Excellent highlight detail
- Excellent grain and sharpness

$62.95

Ektapress PJ400 135-36 20 PK

- Rich accurate colors
- Excellent highlight and shadow detail
- Unsurpassed sharpness and fine grain

$65.95

Ektapress PJ800 135-36 20 PK

- Rich accurate colors
- Excellent shadow detail
- Finer grain, exceptional sharpness
- Push-process performance to EI 3200

$77.95

Elite Chrome 100 EB 135-36

- Extremely fine grain
- High sharpness
- Accurate flesh tones
- Saturated colors

$2.99 PER ROLL

Kodachrome 64 KR 135-36 2 PK

- Natural color
- Outstanding sharpness
- Fine grain in daylight or with flash

$4.19 PER ROLL

Kodak Slide Processing Mailers - Pk. 36

- Put your exposed film in the envelope, add postage, drop it in the mail. Your finished order is returned by mail.

$4.39 PER MAILER

Ektachrome E100VS 20 PK

- Vivid, saturated ("VS") colors
- Neutral gray scale
- True 100 speed
- Very fine grain structure

NEW!

$5.30 PER ROLL

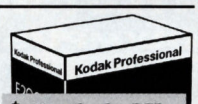
Elite Chrome Extra Color 100

Designed to provide photo enthusiasts with the brightest, boldest and most saturated color ever produced in a 100-speed consumer slide film

NEW!

EBX 135-36 $4.99 PER ROLL 2 PK

Ektachrome E200 135-36 20 PK



- High speed color reversal film with low-speed results
- Outstanding performance under the most demanding conditions

$7.30 PER ROLL

Ektachrome E100S/SW 135-36 20 PK

- Vibrant color saturation
- Skin tone reproduction
- Fine grain/high sharpness/ crisp highlights

$4.99 PER ROLL

Use E100SW when enhanced warmth is desired

SIGMA

The World's Largest Manufacturer of Fine SLR Lenses.

NEW! 8/4.0 EX Asph.....739.00	
14/2.8 EX Asph HSM** 879.00	
NEW! 15/2.8 EX Asph.....479.00	
50/2.8 Macro 259.00	
105/2.8 Macro EX* 389.00	
24/2.8.....189.00	
28-70/2.8-4.0 UC* 139.00	
28-105/2.8-4.0 Aspherical 219.00	
28-200/3.5-5.6 DL ASP Hyperzoom Macro 239.00	
70-200/2.8 EX APO HSM** 879.00	
70-210/4-5.6 UC II* 129.00	
70-300/4-5.6 DL Macro Super* 199.00	
135-400/4.5-5.6 APO ASP RF* 549.00	
170-500/5-6.3 APO ASP RF* 669.00	

*D Function Compatible **For Sigma SA, Nikon AF & Canon EOS only

TAMRON

AF 28-300/3.5-6.3 LD/Asph (IF) Macro

$50 MAIL-IN REBATE! Call for Details.

$499.00

AF 14/2.8 Aspherical IF 1099.00	
AF 28-105/2.8 LD Aspherical IF 829.00	
AF 70-210/2.8 LD 929.00	
AF 200-400/5.6 LD IF.....559.00	
AF 300/2.8 LD IF (M/N).....2718.00	
AF 300/2.8 LD IF (EOS).....2996.00	
AF 90/2.8 1:1 Macro SP 449.00	

CALL FOR DETAILS ON TAMRON'S NEWEST REBATES!

ORDERING, PAYING & SHIPPING

PAYMENT: Mastercard, VISA, Discover; customer must provide billing address information. Personal check (must have name and address imprinted on check) Allow 10-15 days for bank clearance. Cash or certified check (required for all orders over $300). MA residents add 5% tax. RI residents add 7% tax. SHIPPING: Most orders shipped the same day. All packages shipped UPS. Shipping charges are not included in our prices. WARRANTY: All merchandise USA warrantied. PRICES: These prices are for mail order only and will not be honored in our store. RETURNS: Merchandise must be returned within 10 days and will be subject to a restocking fee. Returns must be in original condition with factory packaging, blank warranty cards and any manuals or accessories and are subject to inspection. Not responsible for typographical errors. We thank you for your business and cooperation.

EF LENSES

- Over 40 EF lenses
- Great selection of long lenses
- Wide selection of zoom lenses
- All feature Canon technology including ultrasonic (USM) motors

14 2.8L USM	2179.00	24 1.4L USM	1329.00
NEW! 35 1.4 L USM	1399.00		
50 1.0L USM	2600.00	50 1.4 USM	358.00
50 2.5 Macro	328.00	85 1.2L USM	1769.95
100 2.8 Macro	564.95	180 3.5L Mac USM	1380.00
200 2.8L II USM	699.00		
NEW! 300 2.8 L IS USM	5399.00		
300 4.0L IS USM	1419.00		
NEW! 400 2.8 L IS USM	8699.00		
400 5.6L USM	1319.00		
NEW! 500 4.0 L IS USM	7599.00		
NEW! 600 4.0 L IS USM	9899.00		
17-35 2.8L USM	1369.00		
24-85 3.5-4.5 USM	369.00		
28-70 2.8L USM	1209.00		
28-80 3.5-5.6 IV USM	129.00		
28-80 3.5-5.6 V USM	149.00		
28-105 3.5-4.5 USM	269.95		
28-135 3.5-5.6 IS USM	469.95		
35-350 3.5-5.6L USM	1769.00		
70-200 2.8L USM	1309.00		
100-300 4.5-5.6 USM	291.95		
NEW! 100-400 4.5-5.6 L IS USM	1699.00		
1.4x Teleconverter	379.00		
2x Teleconverter	309.00		

Include Canon USA 1-Year Limited Warranty Registration Card

Canon

EOS-1v

The Ultimate in Professional Vision.

- Magnesium alloy body
- Exceptional speed
- 20 built-in custom functions plus 30 personal functions with optional PC link
- Professional features like 45-point Area AF, 1/8000 shutter...

$1899.00

EOS-1v HS

NEW! **$2199.00**

EOS-1v body with Power Drive Booster PB-E2 attached

EOS A2

- Five-point autofocus
- Whisper Drive™ film transport with 5 fps and near-silent rewind
- Eight automatic exposure modes & metered manual
- Electronic control dials for fast and easy access to camera functions
- **Includes strap and 6v battery**

$729.95 With 28-105 Lens

Come See What's New!

EOS-3

- The world's first 45-point Area AF, 21-zone evaluative metering and high-speed eye controlled focus
- Ultra-high-speed predictive AF
- Sophisticated E-TTL flash exposure system with optional EX-series speedlites
- 18 custom functions

$1199.00

ELAN II

SOPHISTICATION IN STYLE & TECHNOLOGY

- Distinctive aluminum styling
- Improved control layout
- Canon's exclusive AIM control system
- 6-zone evaluative 9.5% partial and center-weighted average metering
- **Includes strap and 6v battery**

$549.00 With 28-80 Lens

ELAN IIE

$599.00 With 28-80 Lens

- **Includes strap & 6v battery**

VISA DISCOVER MasterCard

ORDERS: PHONE (800) 924-8682 or FAX (800) 336-3841

Info & Customer Service: (781) 662-6685 Website: www.wbhunt.com

Mon-Thurs 8am-7pm
Fri & Sat 8am-4:30pm

100 MAIN STREET, MELROSE, MA 02176

CORPORATE & GOVERNMENT ACCOUNTS WELCOMED · CALL 800-221-1830

Est. 1889
Hunt's
Photo & Video

Canon BINOCULARS

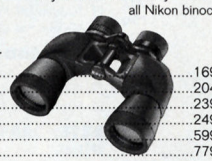
8x23	AWP	89.95
8x32	AWP	134.95
10x30	Image Stabilizer	499.95
12x36	Image Stabilizer	899.95
15x45	Image Stabilizer	1399.95

Include Canon USA Inc., 1-year limited warranty/registration card

Nikon.

A better look at your world.

25-year limited warranty included on all Nikon binoculars



8x25	Mountaineer II ATB	169.95
10x25	Mountaineer II ATB	204.95
8x40	Monarch ATB	239.95
10x40	Monarch ATB	249.95
8x32	Superior E	599.95
10x42	Superior E	779.95

Lowepro

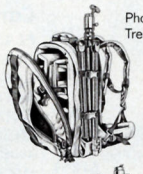


Photo Trekker

Pro Trekker AW

Off Road	72.95
Orion	46.95
Orion Trekker	60.95
Orion AW	122.95
Trim Trekker	110.95
Mini Trekker	110.95
Nature Trekker AW	189.95
Pro Trekker AW	319.95
Super Trekker AW	389.95
Photo Trekker AW	229.95
Photo Trekker Classic	152.95
NEW! S&F Rover Light	115.95
NEW! Stealth AW	193.95

STREET & FIELD SYSTEM IN STOCK!

Lowepro's Street & Field System is a totally modular system for virtually any shooting situation. You configure the system to suit your shooting requirements.

bogen

In the studio or in the field, you'll find the versatility and stability you need in tripods that are easy to manage, easy to move and easy on you.

Tripods (Most Available in Black - Add 10%)

3001	Tripod Legs Only	69.95
3021	Tripod Legs Only	106.95
3033	Legs Only	167.95
3051	Legs Only	218.95
3175G	3205G Tracker Tripod (GRN) w/3130 QR	178.95
3178G	3221G Tracker Tripod (GRN) w/3130 QR	215.95
3199G	3205G Tracker Tripod (GRN) w/3030 Pan Tilt Head	164.95
3205G	3205G Tracker Tripod (GRN) w/o Head	114.95
3221G	3221G Tracker Tripod (GRN) w/o Head	151.95
3228G	3221G Tracker Tripod (GRN) w/3030 Pan Tilt Head	199.95
3178W	Wilderness Tripod w/3130 QR Head & Strap	190.95
3221W	Wilderness Tripod (3221 with leg protectors and spiked feet) w/o Head	136.95
3228W	Wilderness Tripod w/3030 Pan Tilt Head & Strap	180.95
3016	3 Section Monopod	27.95
3018	3 Section Heavy Duty Monopod	34.95
3230	Pro Monopod with Detachable Legs	62.95
3245	Auto 3-Section Monopod	62.95

Tripod Heads

3025	3-D Head			20.95
3026	Double Action Ball Head			31.95
3028	Super 3-D Head	29.95	3029 Pan Tilt Head	41.95
3030	Pan Head w/Quick Release			48.95
3038	Super Ball Head	148.95	3039 Super Pro Head	141.95
3047	Deluxe 3-Way Pan with Quick Release			66.95
3055	Heavy Duty Ball Head with Quick Release			44.95
3057	Heavy Duty Camera Head			134.95
3049	Repl. Mounting Plate			16.95
3262	Medium Ball Head	30.95	3263 Deluxe Geared	474.95
3265	Grip Action Ball	70.95	3275 Mini Gear Head	144.95

GITZO TRIPODS

G1228	Mountaineer Reporter Carbon Fiber	569.36
G1349MK2	MK2 Mountaineer Inter Pro Studex Carbon Fiber (4 section)	866.71
G1549MK2	Mountaineer Tele Studex Carbon Fiber (4 section)	993.38
G1560	Monotrek Hiking Stick	90.67
G1563MK2	MK2 Reporter Monopod (4 sections) reversible 1/4"-20 & 3/8" mounting screw	100.00
G1568	Mountaineer Reporter Carbon Fiber Monopod	198.67

FUJIFILM Professional

Fujichrome Specials!

PROVIA 135-36 20 PACK

$5.49 PER ROLL

FRESH DATED

Naturally Sophisticated Color for Imaging Professionals

PROVIA 120.....2.49/Per Roll

SENSIA II 100 135-36

- Unsurpassed sharpness
- Super uniform fine grain
- Accurate gradation control

$2.99 PER ROLL

RMS 135-36

$7.49 PER ROLL

- Outstanding versatility
- Superb fine grain
- Accurate color balance

VELVIA 135-36 20 PACK

- Ultrafine grain
- Superb sharpness
- Vivid color reproduction

$4.99 PER ROLL

ASTIA 135-36 20 PACK

- Full detail
- Superior pushability
- Outstanding color fidelity

$4.99 PER ROLL

PROVIA 100F (RDP III)

$5.99 PER ROLL

- Super-fine grain
- Vivid color reproduction
- Rich tone reproduction
- Excellent push-/pull-processing

FUJICHROME MAILERS

$3.29 EA.

Put your exposed film in the envelope, add postage and drop it in the mailbox. Your finished order is returned by mail.

cameraworld.com

Nikon Canon

SLR, Lenses & Accessories

Nikon Lenses

FIXED FOCAL LENGTH

16mm f/2.8 D AF Fish-Eye	$729
18mm f/2.8 D AF	$1269
20mm f/2.8 D AF	$449
24mm f/2.8 D AF	$309
28mm f/1.4 D AF	CALL
28mm f/2.8 D AF	$229
35mm f/2.0 D AF	$299
50mm f/1.4 D AF	$259
50mm f/1.8 D AF	$99
85mm f/1.4 D AF	$979
85mm f/1.8 D AF	$379
105mm f/2.0 AF DC	$869
135mm f/2 AF DC	$1019
180mm f/2.8 ED IF AF	$719
300mm f/2.8 D Ed-IF AF-S	CALL
300mm f/4.0 ED IF	CALL
400mm f/2.8 D ED-IF AF-S	CALL
500mm f/4.0 D ED-IF AF-S	CALL
600mm f/4.0 ED-IF AF-S	CALL

ZOOM LENSES

24-50mm f/3.3-4.5 D AF	$359
24-120mm f/3.5-5.6 D AF	$499
28-70mm f/2.8 D AF	CALL
28-80mm f/3.5-5.6 D AF	$129
28-105mm f/3.5-5.6 D AF	CALL
28-200mm f/3.5-5.6 D AF	$499
35-70mm f/2.8 D AF	$639
75-240mm	$149
70-300mm f/4-5.6 ED AF	$319
80-200mm f/4.5-5.6 D AF	$169
80-200mm f/2.8D IF-ED AF-S	CALL
80-200mm f/2.8 AF Ed	$899

MACRO LENSES

60mm f/2.8 AF MICRO	$379
105mm f/2.8 D AF MICRO	$619
200mm f/4.0 D AF MICRO	CALL
70-180mm f/4.5-5.6 D ED MICRO	$989

TELECONVERTERS

TC-14B (1.4X)	$609
TC-301 (2X)	$609
TC-14A (1.4X)	$289
TC-201 (2X)	$299
TC-14E (1.4X)	$509
TC-20E (2X)	$574

Nikon Flashes & Accessories

SB-16A	$344
SB-16B	$319
SB-22S	$154
SB-23	$122
SB-29 MACRO	$479
SB-27	$259
SB-28	$329
SB-28DX	$399
SC-17 TTL Sync Cord	$63
SC-18 TTL Multi Flash Cord 5'	$35
SC19 TTL Multi Flash Cord 10'	$40
AS-10 Multi Flash Adapter	$50

NIKON FINDERS

DP-30 Multi Meter Finder (F5)	$429
DA-30 Action Finder (F5)	$1029
DW-30 Waist Level Finder (F5)	$244
DW-31 6X Mag. Finder (F5)	$419
DR-4 Right Angle Finder	$151
DE-2 Eye Level Finder	$189
DW-3 Waist Level Finder	$128
DW-4 6X Focusing Finder	$299
DA-2 Action Finder (F3)	$469
DE-3 HP Eye Level Finder (D3)	$299

DATA BACKS

MF-27 Data Back (F5)	$164
MF-28 Multi Control Back	$529
MF-29 Data Back (F100)	$149
MF-26 Multi Control Back (N90)	$239

POWER SUPPLIES

MN-30 NI-MH Battery Pack (F5)	$139
MH-30 Battery Charger F/MN-30	$319
MB-15 High Power Pack (F100)	$174
MS-15 AA Battery Holder (F/MB-15)	$35
MN-15 NI-MH Battery Pack (F/F100)	$119
MH-15 Charger F/MN-15	$259
MB-10 Vertical Grip (N90)	$149
MS-11 3-Volt Battery Holder F/MB-10	$24

REMOTE CONTROLS

MC-20 Remote Trigger w/Timer	$109
MC-30 Remote Trigger (F5)	$59
MC-21 10' Extension Cord F/MC-20	$66

Nikon N60

- A selection of automatic and manual exposure controls
- Sharp and accurate autofocus
- Film loading, advance and rewind are all automatic

$279

Nikon F100

- Programmed auto or manual exposure mode
- Integral motor auto-focus

$1299

AF SLR BODIES

F-100 Body	$1299
F-5	CALL
N-60 QD Body	$299

AF SLR KITS

N-70 Kit	$529
N-70 QD Kit	$559
N-60 Kit	$399
N-60 QD Kit	$429

MF SLR BODIES/KITS

FM-10 Kit	$249
FM-2N Black Body	CALL
FM-2N Black Chrome	CALL

Nikon N90S Body

- Eight-segment 3D Matrix Meter for quick operation with reliable exposure control
- Full selection of exposure modes, including Vari-Program
- AF Nikkor Distance Signal enhances exposure accuracy

$729

Nikon Pronea-S Kit

- With 30-60mm lens
- Extremely lightweight and compact
- Advanced autofocus, auto-exposure and automatic flash

$359

Nikonos V Body

- Top of the line waterproof 35mm SLR

LENSES & ACCESSORIES

35mm f/2.5 W-Nikkor	$209
15mm f/2.8N UW Nikkor	$1999
20mm f/2.8 UW Nikkor	$879
28mm f/3.5 UW Nikkor	$449
80mm f/4 W Nikkor	$449
SB-105 UW TTL Set	$659
SB-104 UW TTL Set	$1249

Canon EOS-3

- Sturdy with easily accessible controls
- 21-zone evaluative metering & high speed eye controlled focus
- Includes Canon USA Limited Warranty

More Canon EOS SLRs

A-2 Body	$469
A-2 Kit	$739
A2E Body	$519
A2E Kit	$789
ELAN II Body	CALL
ELAN II Kit	CALL
ELAN IIE Body	CALL
ELAN IIE Kit	CALL
REBEL 2000 Body	$259
REBEL 2000 QD Body	$299
REBEL 2000 Kit	$399

Canon EOS REBEL 2000

- 11 computer-programmed modes via the Command Dial
- High-speed Seven-Point Autofocus
- Built-in flash
- Includes Canon USA Limited Warranty

$259

Canon Accessories

MOTORIZED PHOTOGRAPHY

PB-E2 Booster (EOS-3, 1N)	$379
BM-E2 Magazine (F/PB-E2)	$49
NP-E2 NI-MH Pack	$139
NC-E2 Charger (F/NP-E2)	$239
E1 Power Drive	$279

BATTERY PACKS

BP-E1 Battery Pack	$129
BP-5 Battery Pack	$59
BP-50 Vertical Grip	$64
BP-200 Battery Pack/Grip	$29

GRIP & GRIP EXTENSIONS

VG-10 Vertical Grip	$79
GR-70 Extension	$26
GR-80TP Grip	$40

BACKS

DB-E2 Date Back	$119
Command Back E1	$199

REMOTE CONTROLS

RC-1 Wireless RC	$20
LC-3 Set	$334
RS-80N3 Remote	$50
TC-80N3 Timer Remote	$129
ET-1000N3 Extension	$69
RA-N3 Switch Adapter	$44
60 T3 Remote	$35
1000T3 Extension	$32
T3 Switch Adapter	$22
RS-60E3 Remote	$20
Remote Switch 3	$13

Canon EOS IX Lite

- Advanced Photo System allows drop-in film loading and three picture formats
- Includes Canon USA Limited Warranty

EOS IX Lite Body	$239
EOS IX Lite Kit w/22-55	$359

Canon Lenses

ZOOM LENSES

EF 17-35mm f/2.8L USM	CALL
EF 20-35mm f/3.5-4.5 USM	$419
EF 22-55mm f/4-5.6 USM	$159
EF 24-85mm f/3.5-5.6 USM	$369
EF 28-70mm f/2.8L USM	CALL
EF 28-80mm f/3.5-5.6V USM	CALL
EF 28-80mm f/3.5-5.6 II	$129
EF 28-105mm f/3.5-4.5 USM	$259
EF 28-135mm f/3.5-5.6 IS USM	$519
EF 35-80mm f/4.5-5.6 III	$99
EF 35-350mm f/3.5-5.6L USM	CALL
EF 55-200mm f/4.5-5.6 USM	$199
EF 70-200mm f/2.8L USM	CALL
EF 70-200mm f/4.0L USM	NEW!
EF 75-300mm f/4-5.6 IS USM	$479
EF 75-300mm f/4-5.6 III USM	$229
EF 75-300mm f/4-5.6 III	$189
EF 80-200mm f/4.5-5.6	$129
EF 100-300mm f/5.6L	$599
EF 100-300mm f/4.5-5.6 USM	$289
EF 100-400mm f/4.5-5.6L IS USM	CALL

TILT SHIFT LENSES

TS-E 24mm f/3.5L	CALL
TS-E 45mm f/2.8	CALL
TS-E 90mm f/2.8	CALL

MACRO LENSES

EF 50mm f/2.5 MACRO	$329
LIFE SIZE CONVERTER EF f/50mm MACRO	$229
EF 100mm f/2.8 MACRO	$579
EF 180mm f/3.5L MACRO	$1359
MP-E 65mm f/2.8 1-5X MACRO	CALL

WIDE ANGLE LENSES

EF 14mm f/2.8L USM	CALL
EF 15mm f/2.8 FISHEYE	$679
EF 20mm f/2.8 USM	$469
EF 24mm f/1.4L USM	CALL
EF 28mm f/1.8 USM	$439
EF 28mm f/2.8	$209
EF 35mm f/1.4L USM	CALL
EF 35mm f/2.0	$289

Canon Lenses

TELEPHOTO LENSES

EF 85mm f/1.2L USM	CALL
EF 85mm f/1.8 USM	$369
EF 100mm f/2 USM	$449
EF 135mm f/2L USM	CALL
EF 135mm f/2.8 SOFT FOCUS	$359
EF 200mm f/1.8L USM	CALL
EF 200mm f/2.8L USM	$669
EF 300mm f/2.8L IS USM	CALL
EF 300mm F4L IS USM	CALL
EF 400mm f/2.8L IS USM	CALL
EF 400mm f/5.6L USM	CALL
EF 500mm F4L IS USM	CALL
EF 600mm F4L IS USM	CALL

STANDARD LENSES

EF 50mm f/1.0L USM	CALL
EF 50mm f/1.4 USM	$349
EF 50mm f/1.8 II	$89

EXTENDERS

EF 1.4X	$399
EF 2X	$309

Canon EOS Flash Systems

FLASHES

200E	$54
220EX	$137
380EX	$169
540EZ	$299
550EX	$379
480EG	$499
MACRO ML-3 SET	$279

FLASH ACCESSORIES

ST-E2 Transmitter	$189
CP-E2 Battery Pack	$129
Transistor Pack E	$269
NI-CD Pack TP	$109
NI-CD Charger TP	$49
Off-Camera Shoe	$50
Connecting Cord 60	$40
Connecting Cord 300	$45
OA-2 Shoe Adapter	$35

Your trusted source for over 25 years.

MINOLTA PENTAX CONTAX LEICA

1-800-695-8450

Always Call For The Lowest Price

SLR, Lenses & Accessories

MINOLTA Maxxum 800si

- Powerful built-in flash
- Continuous, predictive autofocusing with 4 AF sensors
- 1-year USA limited warranty

MINOLTA MAXXUM AF SLRS

Maxxum HTsi Plus Body	$274
Maxxum HTsi Plus Kit	CALL
Maxxum XTsi Body	$339
Maxxum XTsi Kit	CALL
Maxxum QTsi Body	$219
Maxxum QTsi Kit	CALL
Maxxum 9 Kit	$1499

MINOLTA MF SLRS

X-700 Body	$599
X-370S Body	$599

Minolta Lenses

ZOOM LENSES

17-35mm F/3.5 LS	$1649
20-35mm F/3.5-4.5	$499
24-50mm F/4	$399
24-85mm F/3.5-4.5	$439
28-70mm F/2.8	CALL
28-80mm F/3.5-5.6	CALL
28-105mm F/3.5-4.5	$359
35-70mm F/3.5-4.5	$74
70-210mm F/4.5-5.6	$129
75-300mm F/4.5-5.6	$199
80-200mm F/2.8	CALL
100-300mm F/4.5-5.6	$499
100-400mm APO F/4.5-6.7	$769

WIDE ANGLE LENSES

16mm F/2.8	$929
20mm F/2.8	$599
24mm F/2.8	$399
28mm F/2.8	$219
35mm F/1.4 G	$979
35mm F/2.0	$349

TELEPHOTO LENSES

85mm F/1.4	$699
100mm Soft Focus F/2.8	$659
200mm F/2.8 APO	$919
300mm F/4.0 APO	CALL
300mm F/2.8 APO	CALL
400mm F/4.5 APO	CALL
500mm F/8 Reflex	CALL
600mm F/4.0 APO	CALL

MACRO LENSES

50mm F/2.8 Macro	$389
50mm F/3.5 Macro	$239
100mm F/2.8 Macro	$629

VECTIS S-1 ADVANCED PHOTO SYSTEM SLR

Vectis S-1

Vectis S-1 Body	$179
Vectis S-1 Kit	$269
22-80mm F/4.0-5.6	$269
80-240mm F/4.5-5.6	$429
28-56mm F/4.0-5.6	$95
56-170mm F/4.5-5.6	$175
SF-1 Flash	$129

Minolta Flashes & Accessories

FLASHES

5400 HS	$349
2000IX	$74
3500IX	$169
Macro 1200	$369

FLASH ACCESSORIES

OC-1100 Cable	$35
OS-1100 Shoe	$39
Cable OC	$39
FS-1200 Shoe Adapter	$25
FS-1100 Shoe Adapter	$30
NC-2 NICAD Charger	CALL

MAXXUM 9 ACCESSORIES

VC-9 Vertical Grip (9)	$229
DM-9 Data Memory Back	$439
QD-9 Data Back	$99

MAXXUM 800SI ACCESSORIES

VC-700 Vertical Grip	$159
HS-700 Holding Strap	$25

MAXXUM XTSI/HTSI ACCESSORIES

BP-100 Battery Pack	$99

Pentax FA Lenses

FA ZOOM LENSES

SMCP-FA 20-35 F/4.0	$549
SMCP-FA 28-70 F/2.8	$1249
SMCP-FA 28-70 F/4	$207
SMCP-FA 28-80 F/3.5-5.6	$139
SMCP-FA 28-105 F/4.0-5.6	$349
SMCP-FA 28-200 F/3.8-5.6	$229
SMCP-FA 70-200 F/4.0-5.6	$277
SMCP-FA 80-200 F/2.8	$1899
SMCP-FA 80-320 F/4.5-5.6	$269
SMCP-FA 100-300 F/4.5-5.6	$199
SMCP-FA 250-600 F/5.6	CALL

FA STANDARD LENSES

SMCP-FA 43MM F/1.9	$479
SMCP-FA 50MM F/1.4	$194
SMCP-FA 50MM F/1.7	$149

FA WIDE ANGLE LENSES

SMCP-FA 20MM F/2.8	$559
SMCP-FA 24MM F/2.0	$449
SMCP-FA 28MM F/2.8	$259

FA TELEPHOTO

SMCP-FA 85MM F/1.4	$999
SMCP-FA 135MM F/2.8	$379
SMCP-FA 200MM F/2.8	CALL
SMCP-FA 300MM F/2.8 ED	CALL
SMCP-FA 300MM F/4.5 ED	CALL
SMCP-FA 400MM F/5.6 ED	CALL
SMCP-FA 600MM F/4 ED	CALL

FA MACRO

SMCP-FA 50MM F/2.8 MACRO	$384
SMCP-FA 100MM F/2.8 MACRO	$589
SMCP-FA 100MM F/3.5 MACRO	$279

Call for Pentax cable releases, data backs and motordrives

Pentax Autofocus SLRs

ZX-7 QD Body	$309
ZX-7 QD Kit w/28-80mm lens	CALL
ZX-5N Body	$349
ZX-5N QD Body	CALL
ZX-5N QD Kit w/28-80mm lens	CALL
ZX-50 Body	$199
ZX-50 QD Body	$219
ZX-50 QD Kit w/28-80mm lens	$349
ZX-M Body	$169
ZX-M Kit w/35-80	$279
PZ-1P Body	$549

PENTAX ZX-7QD

- User-friendly Auto Picture Mode with illuminated dial mode
- Multi-function auto pop-up flash
- Multi-pattern metering

Pentax Flash & Flash Accessories

FLASHES

AF-330 FTZ	$179
AF-500 FTZ	$309
AF-220T	$59
AF-280T	$174
AF-400T	$379

FLASH ACCESSORIES

Hot Shoe Adapter F	$24
Hot Shoe Adapter FG	$35
Off Camera Shoe F	$39
F-5P Extension Cord	$29

POWER PACKS

TR Power Pack II	$129
Grip Battery Pack	$29
Power Pack 510V	$179
AC Adapter II	CALL

CONTAX RTS III

- Professional camera with a vacuum back and a rigid lens mount
- Auto exposure system

$1999

CONTAX 35MM SLRS

Aria Body	$649
RX Body	$1099
AX Body	$1299
RTS III Body	$1999

CONTAX 35MM RANGEFINDERS

TVS III	$1049
Tix APS Camera	$699
G1 Kit	$799
G2 Kit	* After $500 Rebate $1399*

CONTAX 645 Outfit

- Complete auto focus medium format system

$3999.99

Contax 645 Lenses

CONTAX 645 LENSES

M-Distagon 35mm f/3.5	$2395
M-Distagon 45mm f/2.8	$2249
M-Planar 80mm f/2.0	$1565
M-Sonnar 140mm f/2.8	$2255
M-Sonnar 210mm f/4.0	$2255
M-APO-MAKRO-PLANAR 120mm f/4.0	$2395

Call for Contax 645 finders, film backs and accessories

Contax G Lenses & Flashes

G LENSES

G-Hologon 16mm f/8.0	$2600
G-Biogon 21mm f/2.8	$1249
G-Biogon 28mm f/2.8	$599
G-Planar 35mm f/2.0	$499
G-Planar 45mm f/2.0	$349
G-Sonnar 90mm f/2.8	$549
G-Vario-Sonnar 35-70mm	$999

FLASH UNITS

TLA 140	CALL
TLA 200	$299
TLA 280	CALL
TLA 360	CALL
PS220 Battery Pack	CALL
TLA 480	CALL
PS120 Battery Pack	CALL

Carl Zeiss Lenses

F-Distagon 16mm f/2.8	CALL
Distagon 18mm f/4	$1368
Distagon 21mm f/2.8	$1736
Distagon 28mm f/2.8	$385
Distagon 35mm f/1.4	$1267
PC Distagon 35mm f/2.8	CALL
Tessar 45mm f/2.8	$367
Planar 50mm f/1.4	$315
Planar 50mm f/1.7	$199
Makro Plana 60mm f/2.8 Compact	$946
Planar 85mm f/1.4	$999
Sonnar 85mm f/2.8	$559
Planar 100mm f/2.0	$1683
Makro Planar 100mm f/2.8	$1841
Sonnar 135mm f/2.8	$462
Sonnar 180mm f/2.8	$1452
APO-Sonnar 200mm f/2.0	CALL
Tele-APO-Tessar 300mm f/2.8	CALL
Vario-Sonnar 28-70mm f/3.5-4.5	$675
Vario-Sonnar 28-85mm f/3.3-4.0	$1199
Vario-Sonnar 35-135mm f/3.5-4.5	CALL
Vario-Sonnar 80-200mm f/4.0	$947
Vario-Sonnar 100-300mm f/4.5-5.6	CALL
Mutar I 2X Tele-Extender	CALL
Mutar II 2X Tele-Extender	CALL
Mutar III 2X Tele-Extender	CALL

LEICA MINILUX

- High-quality rangefinder
- Active infrared autofocus sets the optimum focus point at split-second speed from 70cm all the way to infinity

LEICA 35MM RANGEFINDERS

M6 TTL	$1995
MiniLux	CALL
MiniLux Zoom	CALL
Z2X	CALL

Leica M-Lenses & Accessories

M-LENSES

21mm f/2.8 ASPH	$2295
24mm f/2.8 ASPH	$1995
35mm f/1.4 ASPH	$2595
35mm f/2.0 ASPH	$1595
50mm f/1.4	$1895
50mm f/2.8	$945
90mm f/2.8	$1245
28-35-50mm f/4 ASPH	$2495
135mm f/3.4 APO	$1995

M-ACCESSORIES

21mm Viewfinder	$349
24mm Viewfinder	$349
28mm Viewfinder	$349
Cable Release 10'	$30
Cable Release 20'	$35
Battery Pack Motor M	$149
Lens Carrier M	$169
M Hand Grip	$90
M-Universal Case	CALL

LEICA R8 Body

- Optimally sized controls are ergonomically positioned for easy and convenient operation
- Fully compatible with one of the best lens systems in the world

$1995

Leica R-Lenses & Accessories

R-LENSES

19mm f/2.8	$2995
24mm f/2.8	$2195
28mm f/2.8	$1895
35mm f/2.0	$1895
50mm f/2.0	$945
100mm f/2.8	$2795
180mm f/2.8 APO	$3395
28-70mm f/2.8-4.5	$1195
35-70mm f/4.0	$1195
80-200mm f/4.0	$1995
2.0X APO Extender	$1645

R8-ACCESSORIES

R-8 Motor Drive Set	$799
Remote Control R8	$279
Power Pack R8	$149
Electronic Switch R8	$149
Electronic Release R8	$139

LEICA 8x32 BA

- 135 m (442 ft.) field of view

We carry the complete line of Leica binoculars and scopes!

cameraworld.com

SIGMA TAMRON Tokina

Lenses & Accessories

SIGMA 180mm Macro Lens

- Macro lens for close focus
- Long range telephoto lens
- Great lens for photo studies

NEW! $799

50-500mm f/4-6.3 APO EX

- Four elements composed of special low dispersion glass
- Rear focus system to insure quick, convenient manual focus
- Custom bayonet "perfect hood" for filtering light

NEW! $999

70-300mm f/4-5.6 DL Macro Super

- Special Low-Dispersion glass compensates for color aberration
- Enables macro photography at a magnification of 1:2 at a focal length of 300mm

$199

SA-5 Body

- Full auto
- Built-in flash

$379

Sigma Lenses

ZOOM LENSES

17-35mm f/2.8-4 Asperical	NEW $529
24-70mm f/3.5-5.6 Asperical	$159
28-70mm f/2.8-4 UC	$139
28-70mm f/2.8 EX ASP	NEW $369
28-80mm f/3.5-5.6 Asperical Macro (1:2)	$89
28-105mm f/2.8-4 ASP	$219
28-105mm f/3.8-5.6 UC-III	NEW $139
28-200mm f/3.5-5.6 Aspherical IF	NEW $239
28-300mm f/3.5-6.3 Aspherical IF	$399
70-210mm f/4-5.6 UC II	$129
70-200mm f/2.8 APO	NEW $879
70-200mm f/2.8 APO HSM	NEW $879
70-300mm f/4-5.6 DL Macro Super	$199
70-300mm f/4-5.6 APO Macro Super	$319
100-300mm f/4.5-6.7 DL	$139
135-400mm f/4.5-5.6 APO–ASP	$549
170-500mm f/5-6.3 APO–ASP	$669

FIXED FOCAL LENGTH LENSES

8mm f/4 EX Circular Fish-Eye	$739
14mm f/2.8 HSM EX ASP	NEW $879
15mm f/2.8 EX Fish-Eye	$479
24mm f/2.8	$189
28mm f/1.8 Aspherical II	$189
50mm f/2.8 EX Macro (1:1)	NEW $259
105mm f/2.8 EX Macro (1:1)	NEW $389
300mm f/2.8 APO HSM EX	NEW $2939
300mm f/4 APO-Macro (1:3)	$689
300mm f/4 APO-Macro (1:3) HSM	$849
400mm f/5.6 APO-Macro (1:3)	$719
400mm f/5.6 APO-Macro HSM	$879
500mm f/4.5 APO HSM EX	NEW $3619
MF 600mm f/8 Mirror	$419
800mm f/5.6 APO EX HSM	NEW $6269

TELECONVERTERS

1.4 X APO Extender	NEW $159
2.0 X APO Extender	NEW $189

EF430 Super Flash

- Wireless TTL & high speed sync w/selected cameras
- Auto zoom head

$199

TAMRON 28-200mm (Black Finish)

- Wide angle to long range telephoto lens
- Great for travel
- Two Hybrid Aspherical elements

$249 (After $50 Mail-in Rebate)

NEW TAMRON LENS REBATES!

SP AF24-70mm	$589*
	*After $100 Mail-In Rebate
AF20-40mm	$189*
AF28-80mm	$94*
	*After $20 Mail-In Rebate
SP AF28-105mm f/2.8	$729*
	*After $100 Mail-In Rebate
AF28-105mm f/4-5.6	$144*
	*After $20 Mail-In Rebate
28-200mm Super (Black)	$249*
	*After $50 Mail-In Rebate
28-200mm Super (Silver)	$329
AF28-300mm (Black)	$449*
	*After $50 Mail-In Rebate
AF28-300mm (Silver)	$449*
	*After $50 Mail-In Rebate
AF70-210mm f/2.8	$829*
	*After $100 Mail-In Rebate
AF70-300mm	$199*
	*After $30 Mail-In Rebate
AF80-210mm	$104*
	*After $20 Mail-In Rebate
AF100-300mm	$154*
	*After $20 Mail-In Rebate
AF200-400mm	$459*
	*After $100 Mail-In Rebate
SP AF14mm f/2.8	$999*
	*After $100 Mail-In Rebate
SP AF90mm f/2.8 Macro	$399*
	*After $50 Mail-In Rebate
SP AF300mm f/2.8 (Canon mount)	$2896*
	*After $100 Mail-In Rebate
SP AF300mm f/2.8 (Nikon, Minolta mount)	$2618*
	*After $100 Mail-In Rebate
AF 1.4X Teleconverter	$118*
AF 2X Teleconverter	$141*
SP AF1.4X Pro	$173*
SP AF2X Pro	$195*

Tamron Lenses

AF ZOOM LENSES

SP AF20-40mm f2.7-3.5 Asp (IF)	$689
AF24-70mm f/3.3-5.6 Asp	$189
AF28-80mm f/3.3-5.6 Asp	$114
AF28-105mm f/2.8 LD Asp (IF)	$829
AF28-105mm f/4-5.6 (IF)	$164
AF28-200mm f/3.8-5.6 Super (Black)	$299
AF28-200mm f/3.8-5.6 Super (Silver)	$329
AF28-300mm f/3.5-6.3 LD Asp (IF) (Black)	$499
AF28-300mm f/3.5-6.3 LD Asp (IF) (Silver) NEW!	$499
AF70-210mm f/2.8 LD	$929
AF70-300mm f/4-5.6 LD	$229
AF80-210mm f/4-5.6 LD	$124
AF100-300mm f/5-6.3	$174
AF200-400mm f/5.6	$559

AF FIXED FOCAL LENSES

SP AF14mm f/2.8 Aspl (IF)	$1099
SP AF90mm f/2.8 1:1 Macro	$449
SP AF300mm f/2.8 LD (IF) Canon mt.	$2996
SP AF300mm f/2.8 LD (IF) Minolta, Nikon mt.	$2718

Tokina Lenses

AF LENSES

AF205 28-105mm f/3.5-4.5	$189
AF353 35-300mm f/4.5-6.7	$239
AF193 19-35 f/3.5-4.5 NEW!	$229
AF2x	$119
ATX17 PRO 17mm f/3.5	$429
ATX235 PRO 20-35 f/2.8	$739
ATX270 PRO II 28-70mm f/2.6-2.8	$439
ATX828 PRO 80-200mm f/2.8	$759
ATX840 80-400 f/4.5-5.6	$549
ATX100 100 f/2.8	$379
ATX340 II 100-300 f/4	$799
ATX300 PRO 300 f/2.8	$2299

Tripods

Photo/Video Tripods

SLIK

U-5000 Fluid 2-Way Head	$24.95
U-6000 Quick Release	$29.95
U-8000 Leg Locks	$39.95
U-9000 Built-in Bubble Level	$44.95
300DX	$99.95
700DX	$169.95
322AF II	$199.95
444 II Sport	$114.95
505QF	$169.95
Compact XL	$28.95
U212	$79.95
E-Z POD	$44.95
E-Z POD Jr.	$37.95
SlimPOD	$19.95

VELBON

VideoMate VM-404	$29.95
VideoMate VM-504	$47.95
VideoMate VM-507	$53.95
VideoMate VM-601	$54.95
VideoMate VM-607	$65.95
Photo/Video CX-300	$19.95
Photo/Video DF-40	$29.95
Photo/Video DF-50	$39.95
Photo/Video DF-60	$49.95
Chaser EFL-3	$84.95
Chaser EFL-4	$99.95
Chaser EL-3	$79.95
Chaser Handy	$82.95
Chaser Mountain	$119.95
Chaser Super	$79.95

BOGEN

VIDEO TRIPODS

3120 (3021 Tripod w/3063 Head)	CALL
3169 (3001 Tripod w/3130 Head)	CALL
3170 (3001 Tripod w/3126 Head)	CALL
3179 (3011 Tripod w/3130 Head)	CALL
3062 (3061 Tripod w/3066 Head)	CALL
3176 (3021 Tripod w/3130 Head)	CALL
3135 (3036 Tripod w/3063 Head)	CALL

PHOTO TRIPODS

3000 (3001 Tripod w/3025 Head)	CALL
3003 (3001 Tripod w/3029 Head)	CALL
3005 (3001 Tripod w/3030 Head)	CALL
3020 (3021 Tripod w/3025 Head)	CALL
3031 (3033 Tripod w/3047 Head)	CALL

Hard Cases

We Carry Complete Lines From...

Porter CASE A case for convenience

Pelican

KINETICS

Light Meters

GOSSEN

Color Pro 3F	CALL
Luna Pro Digital	CALL
Luna Pro Digital F	CALL
Luna Pro F	CALL
Luna Pro S	CALL
Luna Star F2	CALL
Pilot 2	CALL
Scout 3	CALL
Ultra Pro	CALL
Ultra Spotmeter II	CALL

SEKONIC

L-308B II Flashmate	$259
L-318 Digilite	$229
L328 Digilite F	$279
L-398M Studio Deluxe II	$169
L-408 Multimeter	$329
L-508 Zoom Master	$429
L-508 Zoom Master Cine Meter	$549
L-718 N60 Kit w/28-80 D Lens	$229

MINOLTA

Colormeter III F	$949
Autometer IV F	$229
Spotmeter F	$389
Flashmeter V	$409

PENTAX

Digital Spotmeter	$449
Spotmeter V	$369
Spotmeter V-FL	$369

Soft Cases

Lowepro Bags

Super Trekker	$389.95
Pro Trekker	$319.95
Photo Trekker	$229.95
Nature Trekker	$189.95
Photo Trekker Classic	$152.95
Trim Trekker	$110.95
Orion Trekker	$60.95
Mini Trekker	$110.95
Orion AW	$122.95
Orion	$46.95
Orion Mini	$31.95
Off Road	$72.95
Off Trail 2	$62.95
Off Trail 1	$37.95
Sideline Shooter	$43.95
Trekker Accessory Kit	$59.95
Trekker Film Pack	$6.95
Trekker Belt Pack	$22.95
Trekker Day Pack	$35.95
Top Loader 70 AW	$69.95
Top Loader 75 AW	$78.95
Top Loader 65 AW	$50.95
Rover AW	$129.95
Reporter 100 AW	$74.95
Reporter 200 AW	$89.95
Reporter 300 AW	$103.95
Reporter 400 AW	$119.95
Reporter 500 AW	$129.95
Commercial AW	$191.95
Commercial AW MF	$216.95
Magnum AW	$161.95
Magnum AW MF	$163.95
Pro Mag 2 AW	$119.95
Pro Mag 1 AW	$108.95
Pro Roller 2	$279.95
Pro Roller 1	$239.95
Nova 1	$32.95
Nova 2	$38.95
Nova 3	$43.95
Nova 4	$52.95
Nova 5	$61.95
D-Res Belt Pack	$37.95
D-Res 10 AW	$15.95
D-Res 20 AW	$16.95
D-Res 30 AW	$21.95
D-Res 40 AW	$28.95
D-Res 50 AW	$30.95
Toploaad Zoom Pro AW	$52.95
Toploaad Zoom AW	$49.95
Toploaad Zoom 2	$27.95
Toploaad Zoom 1	$23.95

Studio Lighting & Accessories

Speedotron Lighting

BLACK LINE POWER PACKS

405	$419
805	$649
1205CX	$1064
2401CX	$1374
2403CX	$1559
2405CX Pack	$1559
4803CX	$2129

FLASH HEADS

102	$292
103B	$288
202	$364
206	$427
Zoom Spot Projector (2400W)	$814
Zoom Spot Projector (4800W)	$834
Force 10 mono light	$749
8" Fresnel spot (4800ws)	$769
14" Fresnel spot	$967

BLACK LINE KITS

405 Economy Locat. System	$1159
805 Economy Locat. System	$1414
805 Deluxe Locat. System	$1594
1205 CX Travel System	$2134
2401 CX Flash System	$2689
2403 CX Flash System	$2874

We Carry Complete Lines From Novatron, Stroboframe & Photoflex!

Your trusted source for over 25 years.

Mamiya FUJI Rollei
PENTAX HASSELBLAD

1-800-695-8450

Always Call For The Lowest Price

Medium Format Systems

Mamiya 645 AF Body

- 6 X 4.5cm format
- Auto focus capability
- Exposure control and TTL metering systems

$2649

645 AF System

645 AF Pack	$3749
45mm f/2.8	$1069
55mm f/2.8	$949
210mm f/4	$1529
300mm f/4.5	$3199

Mamiya 7 II
- Multi-format 6x7
- Interchangeable Lenses Usage

Mamiya 7II System

7II Black/Silver	$1979

MAMIYA 7II LENSES

80mm f/4	$1299
43mm f/4.5 w/Finder	$2599
50mm f/4.5 w/Finder	$1949
65mm f/4.0	$1599
150mm f/4.5	$1799

645 Pro Lenses

24mm f/4 ULD	$2115
35mm f/3.5N	$1029
45mm f/2.8	$839
50mm f/4 Shift	$1399
80mm Macro f/4	$1055
120mm Macro f/4	$1499
200mm f/2.8 APO	$2549
210mm f/4N	$699
300mm f/5.6	$1329
300mm f/2.8 APO	12,239
500mm f/4.5 APO	18,359
105mm-210mm f/4.5	$1699
55-110mm f/4.5	$1829
2X Tele	$739

Mamiya Bodies

645 Pro-TL Pack	$2999
645 Pro-SVX II Pack	$1999
645 Pro-SV II Pack	$2599
645 E Pack	$1399

Mamiya Bodies

645 Pro TL	$1599
RZ Pro II	$1899
RB67 Pro SD	$1449

Mamiya RZ System

MAMIYA RZ LENSES

75mm f/4.5 Shift	$3169
90mm f/3.5W	$1389
110mm f/2.8W	$1429
180mm f/4.5W	$1515
100-200mm Zoom	$3739
210mm APO f/4.5	$3329
250mm APO f/4.5	$3839
140mm Macro f/4.5	$1875
180mm Vari-Soft	$1629

Mamiya RB System

MAMIYA RB LENSES

65mm KL f/4.5	$1859
75mm KL f/3.5	$1849
90mm KL f/3.5	$1599
127mm KL f/3.5	$14819
140mm Macro KL f/4.5	$1875
180mm KL f/4.5	$1515
250mm KL f/4.5	$1939
210mm APO KL f/4.5	$3329
350mm APO KL f/4.5	$4289

We Carry The Complete Line Of Mamiya Accessories – CALL!

BRONICA GS-1

- 6X7cm or multi format
- TTL auto flash control
- Full auto shutter

$1688

Bronica GS-1 System

PG 50mm f/4.5	$1869
PG 65mm f/4.0	$1666
PG 110mm Macro	$1869
PG 200mm f/4.5 4	$1754

GS-1 FINDERS

Prism Finder G	$660
AE Prism Finder	$1209
AE Rotary Finder	$1292
Waist Level Finder	$174

GS-1 BACKS

G-6x7 120/220	$549
G-6x6 120/220	$549
G-6x4.5 120/220	$549
Polaroid Back	$566
Speed Grip G	$351

BRONICA SQ-Ai

- 6X6cm
- Compact, lightweight

SQ-Ai Kit	$2869
SQ-B Kit	$2179

SQ-Ai System

LENSES

PS 35mm f/3.5	$3233
PS 40mm f/4.0	$1979
PS 50mm f/3.5	$1727
PS 65mm f/4.0	$1578
PS 110mm Macro f/4.0	$1572
PS 135mm f/4.0	$1595
PS 180mm f/4.5	$1995
PS 250mm f/5.6	$1969

ACCESSORIES

Waist Level Finder S	$178
Prism Finder S	$704
AE Prism Finder SQ-I	$1264
MF Prism Finder S	$731
AE Prism Finder S	$962
SQ-I 120/220 Back	$593
SQ-I 120/220 J Back	$593
SQ-I 135-NW Back	$648
Polaroid Back	$495
Speed Grip S	$302
SQ-I Motor Drive	$770

BRONICA ETRsi

- 6X4.5cm format
- Aperture priority, TTL metering

$1072

ETRsi System

LENSES

PE 30mm f/3.5	CALL
PE 40mm f/4.0	$1446
PE 45-90mm f/4.0	$1499
PE 75mm f/2.8	$835
PE 105mm Macro	$1352
PE 100-220mm f/4.8	$1999
PE 150mm f/3.5	$1319
PE 180mm f/4.5	$1535
PE 250mm f/5.6	$1457

ACCESSORIES

Waist Level Finder	$139
Prism Finder	$478
Rotary Finder	$577
AE-III Finder	$1098
EI-120 Film Back	$395
EI-220 Film Back	$395
E135-N Film Back	$511
E135-W Film Back	$511
Speed Grip E	$280
Motor Winder EI-II	$604

FUJI GW-690 III

- 6X9cm format
- Two shutter release buttons to minimize camera motion
- Built-in shutter lock
- Flash sync'd shutter

GSW-690 III $1278

More Fuji Bodies

GX-680 III	$2729
GW-670 III	$1279

Call For Additional Fuji Accessories!

Fuji GX-680III System

GX 50mm f/5.6	$2646
GX 65mm f/5.6	$2096
GX 100mm f/4	$1143
GX 125mm f/5.6	$1058
GX 150mm f/4.5	$1161
GX 180mm f/5.6	$1231
GX 250mm f/5.6	$1262
GX 100-200mm f/5.6	CALL

FUJI GX 617

- Back opens vertically
- Focusing screen for focus and composition accuracy
- Built-in Lens protector

Fuji GX-617 System

EBC SWD 105mm f/8	$2500
EBC W 180mm f/6.7	$2351
EBC 300mm f/8	CALL
Center Filters for 105mm	CALL
Center Filters for 90mm	CALL

FUJI GA 645 wi w/Flash

- Full auto 6X4.5cm
- Autofocus with active and passive functions
- "Bright frame" viewfinder

Fuji GA-645 Flashes

Flash	CALL
Flash Bracket	CALL

HASSELBLAD 501 CM

- Shortest shutter speed 1/500 s
- Flash sync speed up to 1/500 s
- Gliding Mirror System provides full viewfinder image

$1585

501 CM Kit w/80CB/A12 $2795

More Hasselblad Bodies

202 FA Body	$3334	503 CW Body	$1887
203 FE Body	$5626	ARC Body	$2801
205 FCC Body	$7340	Flex Body	$2332

HASSELBLAD 903 SWC w/Lens & View Finder

- 90 degree diagonal angular field
- Distortion free from corner to corner
- Depth of field from 0.65m to infinity

Hasselblad Pro System

CFI/CFE LENSES

CFI 30mm f/3.5 Distagon	$5971
CFE 40mm f/4 Distagon	$4115
FLE 50mm Distagon f/4	$2804
CFE 80mm f/2.8 Planar	$1788
CFI 100mm Planar f/3.5	$2575
CF 135mm Makro-Planar f/5.6	$2575
CFI 180mm Sonnar f/4.0	$3885
CFI 250mm Sonnar f/5.6	$3201
CFE 250mm Tele-Superachromat	CALL
CF 140-280mm Varigon f/5.6	CALL
1.4X Tele-Converter	CALL
2X Tele-Converter	CALL

FE LENSES

50mm Distagon f/2.8	$3967
110mm Planar f/2.0	$3918
250mm Tele-Tessar f/4.0	$3673
350mm Tele-Tessar f/4.0	CALL
60-120mm Zoom f/4.0	$3896

FILM BACKS

A12 Magazine	$730
E12 Magazine	$1023
E12CC Magazine	$1255
A16 Magazine	$835
E16 Magazine	$1072
A24 Magazine	$835
E24 Magazine	$1060
Film Magazine 70	$1243
PolaPlus Film Magazine	$397

VIEW FINDERS

PME-51	$1530
PM-5	$1045
PME-90	$1252
PM-90	$668
Waist Level Hood	CALL
HM-2 Hood	CALL

FLASHES & ACCESSORIES

D-40	$462
Battery Holder	$25
SCA 390 Adapter	$211

PENTAX 645N

- 6x4.5cm format (2 1/4" x 1 5/8")
- Precision autofocus with selectable 3 point or spot autofocus

$1889

PENTAX 67 II

- 6x7cm (2 1/4" x 2 3/4")
- Interchangeable viewfinders

$1499

Pentax 645 System

FA 55mm f/2.8	$669
FA 45-85mm f/4.5	$1659
FA 75mm f/2.8	$419
FA 80-160mm f/4.5	$1549
FA 120mm Macro f/4	$1149
FA 200mm f/4	$849
FA 400mm f/5.6	$2199
A 35mm f/3.5	$839
75mm Leaf Shutter f/2.8	$749
135mm Leaf Shutter f/4	CALL
A 150mm f/3.5	$559

Pentax 645 System

645 ACCESSORIES

120 Film Holder	$169
220 Film Holder	$169
70mm Film Holder	$849
Magnifier w/Case	CALL
Large Eye Cup	CALL
Auto Extension Tube Set	CALL
Adapter K	CALL
Power Cord	CALL
1.4X Rear Converter	$399
2X Rear Converter	$449

Pentax 67 System

67 SMC LENSES

45mm f/4.0	$929
55mm f/4.0	$959
55-110mm f/4.5	$1669
75mm f/4.5	$609
90mm f/2.8	$629
100mm Macro f/4.0	$1199
135mm Macro f/4.0	$689
165mm LS f/4.0	$849
200mm f/4.0	$829
300mm f/4.0	$1319

67 ACCESSORIES

TTL PentaPrism	$649
PentaPrism Finder	$279
Rigid Magnifying Hood	$299
67 Hand Grip	$49
Remote Battery Cord	$94
AF400T Bracket	$119
Quick Focusing Ring A	$39
Quick Focusing Ring B	$39
Quick Shoe	CALL
5P Sync Cord	$49

PENTAX Digital Spot Meter

- Built in motor drive
- TTL flash metering • Self diagnostics

HASSELBLAD XPan

- Bright frame viewfinder
- Auto bracketing selectable by user
- Rangefinder with two interchangable lenses

XPan	$1616
30mm	CALL
90mm	$576
45mm	$465

Rollei 6008 Integral

- Spring-loaded metering and AE lock switch
- Stop-down button for depth-of-field preview
- Folding finder hood
- Interchangeable magazine for preloadable film inserts

Rollei 6001

- Built in motor drive
- TTL flash metering
- Self diagnostics

6003 Kit CALL

Call For More Rollei Accessories!

Rollei Pro System

LENSES

30mm f/3.5 Distagon	CALL
40mm Angulon	CALL
50mm f/4 Distagon	CALL
80mm f/2.8 PQ Planar	CALL
110mm f/2 PQ Planar	CALL
120mm Makro Planar	CALL
150mm f/4 PQ Sonnar	CALL
180mm f/2.8 PQ Tele-Xenar	CALL
250mm f/5.6 PQS Sonnar	CALL
350mm PQS Tessar f/5.6	CALL
2X HFT Tele	CALL
1.4X HFT Tele	CALL

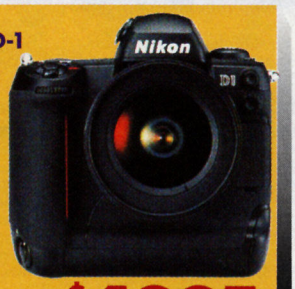
cameraworld.com

Nikon SanDisk Kodak OLYMPUS LEXAR Media

Digital Cameras & Accessories

Digital Cameras

Nikon D-1



- IEEE 1394 (400Mbps)
- 2.74 Megapixel RGB CCD
- Magnesium body
- 3D Digital Matrix Image Control

SB-28D flash unit .....CALL

$4995

Canon Power Shot S10

- Mac and PC compatable
- High-resolution, low-distortion all-glass aspherifcal Canon 2x zoom lens
- 2.1 Mega-pixel resolution
- Includes Canon USA Limited Warranty

$579

OLYMPUS C-2020

- 1/2" CCD with 2.11 megapixel 24-bit color
- High resolution: 1600x1200 pixels
- Seven image-recording modes including uncompressed TIFF
- 8-element f/2.0-2.8 3x zoom lens

$799

AGFA 780-C

- 1024x768 pixel using PhotoGenie™ technology
- NTSC or PAL video out
- Focus-free, all glass lens; equivalent to focal length of 50mm

$219

OLYMPUS D-360L

- 1,280x960 pixel high resolution
- Super-sharp lens and 1.3 Megapixel CCD
- Slide open lens barrier
- 3V SmartMedia card

$299

AGFA CL-50

- 1.9 million (1600x1200) pixel resolution with PhotoGenie technology
- Autofocus 3x continuous optical zoom with macro

$349

Nikon CoolPix 800

- 2.11 Megapixel 1/2" CCD
- Sharp 2x Zoom-Nikkor lens (38-76mm) for incredible image quality
- Fully automatic focus, flash, metering and white balance

$549

Nikon CoolPix 950

- 3x optical Zoom-Nikkor lens
- 4,746 step auto focus
- 2.11 Megapixel 1/2" CCD
- High-resolution 2" LCD display

$799

Kodak DC-215

- 1.8" color LCD, plus optical viewfinder
- 2x Optical glass zoom lens
- 1152x864 pixel resolution

DC-215 Millenium $349

$279

Kodak DC-240

- Macintosh and Windows USB
- 3x optical plus 2x digital zoom lens
- 1.3 million (1280x960) pixel resolution
- 8 MB KODAK Picture Card for storing 21 to 56 pictures

$479

SONY MVC-FD91

- Auto Exposure, 3 pre-programmed exposure modes
- SteadyShot™ System removes camera shake
- 14x Optical Zoom with auto/manual focus
- 3.5" floppy drive

MVC-FD88 .....CALL

POLAROID PDC 640

- 640 x 480 image resolution
- 1.8" LCD monitor/viewfinder
- Four flash modes: auto, fill-in, red-eye reduction and off
- Point and shoot simplicity and bright optical viewfinder

We carry a full line of Sunpak & Lenmar batteries for digital cameras

FUJI DS-260HD

- 1280 x 1024 resolution
- 3x optical zoom
- Built-in 1.8" color LCD montor

Weatherproof!

$899

OLYMPUS C-2500

- 2.5 million pixel CCD
- 1712 x 1368 resolution
- Fully automatic or fully manual exposure, white balance and focus

Includes: USB reader, 1.4x converter & 32MB Smart Media card

$1299

MINOLTA Dimage RD-3000 Kit

- Hybrid Seamless Imaging System (Dual CCD) delivers ultra-high resolution of 2.7 million pixels (1981x1360)

Kit Includes: NiMH Quest, PC adapter, 22-80mm lens & Lexar 64MB CF jumpshot

$4495

Scanners/Printers

MINOLTA Dimage Scan Dual

- Scans 35mm and Advanced Photo System negatives
- High resolution 2,438 dpi capability
- Fast scanning time

$399

APS Adapter Available $129

Canon BJC-8200

- Print quality up to 1200 x 1200 dpi in black or color
- Excellent detail and vibrant color

$399

EPSON Stylus Photo 1200

- Posters and panoramics up to 13"x44" long
- 1440 x720 dpi resolution

$469

Nikon LS-2000 Super CoolScan

- High-speed 35mm film scanner
- Auto feeder

APS Film Adapter Available
Auto Slide Feeder Available

POLAROID SprintScan 4000

- 4000 dpi resolution in Polaroids most advanced scanner

$1499

AGFA Hi-D Duo Scan

- One pass, CCD, flatbed color scanner
- TwinPlate™ technology
- Optical resolution of 1000 x 2000 dpi

Memory Cards/Readers

LEXAR Media 8X USB Enabled CompactFlash™ Card

- Fast write speed 1.2MB/sec
- Comes with USB Reader

Available in 32, 48, & 64MB capacity

SanDisk USB CompactFlash™ Card Reader

- Connects between your PC parallel port and your printer

$49

MICROTECH IBM 170MB/340MB Microdrives

- These are the smallest hard disk drives in the world
- These miniature marvels offer new storage possibilities for owners of digital cameras

LEXAR Media SmartCard and CF Reader

- Access your digital pictures quickly and easily

$49

MICROTECH USB CameraMate

- Award winning palm sized USB film reader for Mac & PC Windows 98
- Dedicated CompactFlash/IBM Microdrive & Smart Media Slot

$79

VIKING 64MB SmartMedia™ Card

- Low cost mobile data storage in a compact interchange-able format

$19

Also available in 8,16,32MB

SanDisk CompactFlash™ Card & ATA

- Size of a matchbook
- Removable data storage system
- Available in 32, 64, 96 & 128MB capacity

Your trusted source for over 25 years.

Leica Nikon FUJI MINOX BAUSCH & LOMB PENTAX ZEISS MEADE Canon MINOLTA OLYMPUS STEINER GERMANY

1-800-695-8450

Always Call For The Lowest Price

Canon 10X30 IS

- 10x magnification in a compact design
- Built-in image stabilizer technology
- Doublet field flattener
- Long 14.5mm eye relief
- Lightweight with water-resistant coating

$499

PENTAX Jupiter 8X20

- 8x magnification in a lightweight, compact design

$30

Binoculars & Scopes

BAUSCH & LOMB

7x35 Legacy Extra Wide Angle	$89
8x24 Legacy Compact	$79
8x24 Legacy Fog & Waterproof Compact	$129
8x30 Natureview Compact	$77
8x40 Birder	$42
8x42 Elite/Fog & Waterproof	$699
8x42 Natureview	$89
9x25 Legacy Compact	$92
10x24 Legacy Fog & Waterproof	$139
10x25 Legacy Compact	$99
10x42 Elite/Fog & Waterproof	$699
10x42 Natureview	$109
12x25 Legacy Compact	$109

CANON

5x17FC Binocular With Case	$69
7x17FC Binocular With Case	$84
8x23AWP Binocular With Case	$99
8x23A Binocular With Case	$49
8x23 Waterproof Binocular With Case	$149
10x25A Binocular With Case	$89
10x30 Image Stabilizer Binocular With Case	$499
15x50 Image Stabilizer All Weather	$1199
18x50 Image Stabilizer All Weather	$1799

FUJI

7x42 CD Waterproof EBC With Case	$459
7x50 WP-XL Mariner XL	$179
8x23 Air Drop (Black) With Case	$179
8x23 Air Drop (Green) With Case	$179
8x24 CD Waterproof EBC With Case	$479
10x42 CD Waterproof EBC With Case	$499
14x40 Techno-Stabilizer, Waterproof	$999

LEICA

7x42 BA (Black) Binoculars	$995
7x42 BD GeoVid Yards With Case	$2995
8x20 BC (Black) Binoculars With New Style	$349
8x42 BA (Green Slate) Binoculars	$1045
8x50 BA (Black) Binoculars	$1195
10x25 BC (Black) Binoculars With New Style	$379
10x25 BCA (Black) Binoculars With New Style	$379
10x32 BA (Black) Binoculars	$995
10x42 BA (Black) Binoculars	$1095
10x50 BA (Black) Binoculars	CALL
12x50 BA (Black) Binoculars	CALL

MINOX

8x24 Binoculars With Case	$109
8x32 Binoculars With Case	$319
10x25 Binoculars With Case	$129
10x42 Binoculars With Case	$429

MINOLTA

6x16 Binoculars With Case	$94
7x35 Activa Wide With Case	$119
7x50 Activa Wide With Case	$129
7x50 XL With Case	$89
8-20x50 EZ Zoom With Case	$124
8-22x27 Activa With Case	$139
8x18 UC II With Case	$104
8x23 Compact Weathermatic With Case	$149
8x25 Activa Compact With Case	$89
8x25 Activa Pocket With Case	$109
8x40 Activa Wide Binoculars	$129
8x42D Activa WP With Case	$329
10-30x27 Activa Binoculars With Case	$164
10x25 Activa Compact Binoculars	$99
10x25 Activa Pocket Binoculars	$119
10x42D Activa WP With Case	$359
10x50 Activa Wide With Case	$149
12x25 Activa Binoculars With Case	$109
12x50 XL Standard Binoculars	$119

NIKON

5x15 Titanium Pocket Binoculars	$429
6x15 Monocular (x Magnifier)	$69
6x15 Special Edition	$229
7-15x35 Zoom Scoutmaster III	$139
7x21 Sprint II RC (Hunter Green)	$69
7x35 E Series	$269
7x35 RC Naturalist IV	$69
7x50 IF Sports & Marine	$239
7x50 IF SP Prostar Astronomy Series	$719
8-16x40 CF Zoom XC Binoculars	$699
8-20x25 Eagleview Zoom Binoculars	$139
8x20 D RC Sportstar II	$69
8x21 Medallion S	$69
8x21 Sprint II (Hunter Green)	$69
8x23 Diplomat	$149
8x25 Adventurer With Diopter Adjustment	$69
8x30 E Series	$279
8x30 D IF RC Trailblazer	$399
8x32 DCF HP RC Execulite II	$409
8x40 Monarch Rubber Armored Binoculars	$239
8x42 Attache	$179
8x42 Venturer	$1049
9x21 Sprint III (Hunter Green)	$79
10x25 Travelite IV	$107
10x50 Travelite V	$99
10x40 Monarch Rubber Armored Binoculars	$269
10x42 Attache	$199
10x42 Supierior E	$649
10x50 RC Lookout IV	$119
10x70 IF SP Astroluxe WP	$1129
12x25 Travelite V	$109
12x50 Fieldmaster Binoculars	$134

OLYMPUS

7x35 Trooper DPS R	$69
7x50 Pathfinder Exps	$139
7x50 Magellan Waterproof (Green)	$199
8x25 Outback RC II R	$94
8x40 Trooper DPS R	$79
8x42 Pathfinder Exps	$129
10x25 Outback RC II R	$99
10x42 Pathfinder Exps	$139
10x50 Trooper DPS R	$89
12x50 Pathfinder Exps	$149

PENTAX

7x20 DCF/Microscope 22x With Case	$79
7x35 PCF III With Case	$124
7x50 PCF V With Case	$169
8-16x21 UCF Zoom With Case	$149
8-20x24 UCF Zoom With Case	$229
8x18 FB With Case	$189
8x20 Jupiter	$29
8x21 UCF Mini With Case	$69
8x22 DCF MC With Case	$199
8x24 UCF G With Case	$129
8x30 Monocular DCF/Microscope 25x w/Case	$114
8x32 DCF-32 Weatherproof With Case	$389
8x40 PCF V With Case	$169
8x42 DCF HR With Case	$299
8x42 DCF Waterproof With Case	$449
10x40 PCF V With Case	$174
10x42 DCF HR	$349
10x42 DCF Weather Resistant	$499
10x50 PCF	$184
12x24 UCF G	$129
12x50 PCF V With Case	$189
16x24 UCF G	$149
16x60 PCF V With Case	$249
20x60 PCF V With Case	$259

STEINER

7x50 Night Hunter	$649
8x22 Miniscope With Leather Case & Lanyard	$99
8x30 Night Hunter	$549
8x56 Night Hunter	$769
10x28 Rocky (Black)	$349
10x50 Night Hunter	$649
12x28 Rocky (Black)	$349
10x56 Night Hunter	$649
7x50 Navigator II With Compass	$499
8x22 Predator	$159
8x22 Safari	$149
8x30 Military-Marine	$249
8x30 Predator	$249
8x30 Safari	$179
9x40 Safari	$269

ZEISS

5x10 Monocular (Mini Quick 5X)	$90
7x42 B/GAT CF RC Classic With Pouch	$950
7x45 B/GA DST CF With Pouch	$1200
8x20 B/T CF Classic With Pouch	$370
8x20 Designer Black With Comfort Case	$440
8x30 B/MC CF RC With Pouch (Black)	$450
8x56 B/GA DST CF W/Pouch (Black Forest)	$1399
8x56 B/GAT CF RC Classic W/Pouch	$1200
10x25 B/T CF Classic Pocket W/Pouch	$400
10x25 Design (Black) With Comfort Case	$480
10x25 Design (Combo-Grey) W/Comfort Case	$480
10x40 B/GAT CF RC Classic With Pouch	$970
10x56 B/GAT DST CF (Blk Forest) W/Pouch	CALL
10x56 B/GAT DST CF (Gr Wood) W/Pouch	CALL
20x60 S/GAT CF Stabilized	CALL
20x60 S/GAT Stabil. Monocular W/Pouch	CALL

Scopes

BAUSCH & LOMB

Discover Zoom 60 15-60x Spotting Scope	$189
Yardage Pro 500 Laser Rangefinder	$199

FUJI

Field Scope 60 With 20-60 With Case	$499
Field Scope 60 Angled W/20-60 With Case	$549
Field Scope 80 W/20-60 With Case	$599
Field Scope ED 80 W/20-60 With Case	$1049
Field Scope Camera Adapter	$179

LEICA

Televid 77 Angle W/O Eyepiece	CALL
APO Televid 77 Angle W/O Eyepiece	CALL
APO Televid 77 Strait W/O Eyepiece	CALL
Televid 77 Straight W/O Eyepiece	CALL
Okular B 20x	CALL

MEADE

ETX90 Spotting Scope	$395

Nikon Spotter XL Kit

- Lightweight, compact roof prism construction
- Full featured optics for superior image quality
- Weatherproof

$449

NIKON

15-45x60 Spotting Scope With Eyepiece	$289
16-47x60 Spotter XL	$384
16-47x60 Spotter XL Kit (TRI,CS) WP	$415
20-45x Eyepiece F/Fieldscopes	$164
Fieldscope ED 78mm Angled Body	$1099
Angled Fieldscope ED Body W	$679
Fieldscope III 60mm Angled ED Body	$679
Fieldscope ED II Body W/O Eyepiece	$609
Fieldscope ED III 60mm Body	$609
Fieldscope 60mm Strait Body	$359
Fieldscope III 60mm Strait Body	$369
Angled Fieldscope Body	$405
Fieldscope III 60mm Angled Body	$399
Fieldscope ED 78mm Straight Body	$1039
Photo Attachment/Spotting Scope	$180

PENTAX

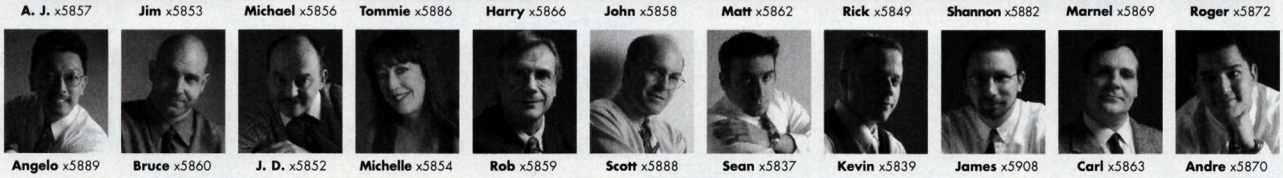
PF-80ED Spotting Scope	$880
PF-80ED Scope W/20x-60x Zoom Eyepiece	$1199
20x-60x Zoom Eyepiece F/S Scope	$439
XL-10.5 Eyepiece F/Spotting Scope	$265
XL-7 Eyepiece F/Spotting Scope	$279

ZEISS

30x60 B/GAT Spotting Scope	CALL
Motor Focus F/30x60 Spotting Scope	CALL

Our professional photographers are waiting to help when you call.

A. J. x5857 | **Jim** x5853 | **Michael** x5856 | **Tommie** x5886 | **Harry** x5866 | **John** x5858 | **Matt** x5862 | **Rick** x5849 | **Shannon** x5882 | **Marnel** x5869 | **Roger** x5872



Angelo x5889 | **Bruce** x5860 | **J. D.** x5852 | **Michelle** x5854 | **Rob** x5859 | **Scott** x5888 | **Sean** x5837 | **Kevin** x5839 | **James** x5908 | **Carl** x5863 | **Andre** x5870

Mon-Fri: 6am-9pm • Sat: 6am-6pm • Sun: 8am-5pm • Pacific Standard Time

24 Hour Fax Line: (800)729-8929 • email: info@cameraworld.com • CWO 700 NE 55th Avenue • Portland, OR 97213

Visit us on the web @ **www.cameraworld.com**

Return Policy: Ask your salesperson to explain our return policy. Returns and exchanges may be made within 14 days of receipt of merchandise with prior authorization only. Call for a Return Authorization Number. All returned merchandise must be in new condition and must include all packaging and printed material in original, unaltered condition. Shipping and handling charges are non-refundable. Not responsible for typographical errors.

THE LOWEST PRICES!

All Merchandise is Brand New!
Overnight Delivery Available!
Polite, Friendly Salespeople!
We Ship Worldwide!

Discovery

CAMERAS AND ELECTRONICS

CALL TOLL FREE - ORDERS OR INFORMATION

1-800-493-4085

From OVERSEAS Call: 908-925-8833 | From NEW JERSEY Call: 908-925-8811 | 24-Hour Fax Hotline: 908-925-0105 | 425 North Wood Ave. Linden NJ 07036

No Surcharge For Using Your Credit Card!

Se Habla Espanol!

Pay The Way You Want!

DISCOVER NOVUS | VISA | MasterCard | Personal or Company Check | DINERS CLUB | C.O.D | MONEY ORDER

We Accept All Of The Above!

Store Hours:
Mon-Thur.....8:30am-8:30pm
Friday.....8:30am-4:00pm
Saturday.....6:30pm-8:30pm
Sunday.....10:00am-6:00pm

Customer Service: 908-925-9648
Customer Service Hours: Mon-Thur: 11am - 6pm Friday: 11am - 2pm

Satisfaction Guaranteed Within 21 Days...Or Your Money Back!

ASK ABOUT OVERNIGHT DELIVERY - GET YOUR ORDER AS SOON AS TOMORROW!

CALL FOR SUNPAK • VIVITAR • PHOENIX • QUANTUM • BOGEN • ACHIEVER • SAKAR

Canon AUTHORIZED DEALER!

Canon Camera Kits

KIT C-1
Canon EOS Camera Body w/Flash, **Canon 28-80** 3.5-5.6 **USM** Lens, Strap, Tripod, Film, Lens Cleaning Kit, Capkeeper, Eyecup

KIT C-3
Canon EOS Camera Body w/Flash, **Canon 28-80** 3.5-5.6 **USM** Lens, **Canon 75-300** 4.0-5.6 **USM** Lens, Strap, Camera Bag, Tripod, 5 Rolls Film, Cleaning Kit, 2 Capkeepers

KIT C-4
Canon EOS Camera Body w/Flash, Tamron **28-200** 3.8-5.6 Super Aspherical Macro Lens, Strap, Camera Case, Tripod, Film, Lens Cleaning Kit

KIT C-6
Canon EOS Camera Body w/Flash, **Canon 28-105** 3.5-4.5 **USM** Lens, **Canon 100-300** 4.5-5.6 **USM** Lens, Strap, Camera Bag, Full-Size Tripod, Film, Lens Cleaning Kit

Camera	KIT C-1	KIT C-3	KIT C-4	KIT C-6
Rebel 2000	289.99	419.99	424.99	569.99
Rebel 2000 QD	329.99	444.99	449.99	599.99
EOS Elan II	354.99	514.99	474.99	664.99
EOS Elan IIE	389.99	549.99	514.99	684.99
Elan IIE QD	429.99	579.99	CALL	719.99
EOS A2	474.99	649.99	649.99	789.99
EOS A2e	549.99	749.99	704.99	859.99
EOS 3	1129.99	1249.99	1329.99	1409.99
EOS 1n	1139.99	1249.99	1399.99	1499.99
EOS 1X (APS)	309.99	499.99	444.99	599.99
EOS 1X Lite	304.99	449.99	434.99	579.99

ALL PRICES LISTED AFTER REBATES

Special Packages

EOS ELAN IIE PACKAGE:
• EOS Elan IIE Body
• Canon 28-80 3.5-5.6 USM Lens
• Strap • Tripod • Film
• Lens Cleaning Kit
389.99
Same kit w/Add'l 100-300.....529.99

EOS ELAN II PACKAGE:
• EOS Elan II Body
• Canon 28-80 3.5-5.6 USM Lens
• Strap • Tripod • Film
• Lens Cleaning Kit
354.99
Same kit w/Add'l 100-300.....509.99

EOS REBEL 2000 Package:
• EOS Rebel 2000 Body
• Canon 28-80 3.5-5.6 AF Lens
• Strap • Tripod • Film
• Lens Cleaning Kit
289.99
Same kit w/Add'l 100-300.....449.99

EOS IX LITE PACKAGE:
• EOS IX LITE Body
• Canon 22-55 4.0-5.6 USM Lens
• Strap • Tripod • APS Film
• Lens Cleaning Kit
309.99
Same kit w/Add'l 55-200.....449.99

EOS-3 Pro Package
• Canon EOS 3 Body
• Canon 28-135 3.5-4.5 USM
Image Stabilizer
• Canon 75-300 4.0-5.6 USM
Image Stabilizer
• Lens Cleaning Kit
• Full-Size Tripod
• Gadget Bag • Wide Strap
1749.99

EOS-A2e PRO PACKAGE
• Canon EOS A2e Body w/Flash
• Canon 28-105 3.5-4.5 USM Lens
• Canon 100-300 4.5-5.6 USM
• Lens Cleaning Kit
• Full-Size Tripod
• Gadget Bag • Wide Strap
• 5 Rolls Film • Eyecup
859.99

Lens Specials

Canon 75-300 4.0-5.6 USM IS Ultrasonic AF Lens - 429.99

Canon 100-400 4.5-5.6 USM IS L AF Lens - 1469.99

Canon 75-300 4.0-5.6 USM Ultrasonic AF Lens - 139.99

Canon 70-200 2.8 USM L Ultrasonic AF Lens - 1039.99

EOS Camera Bodies

EOS 1N/V	CALL/CALL
EOS-3	1049.99
EOS A2E/A2	509.99/419.99
EOS A2E 28-105 USM KIT	669.99
EOS A2E 28-105 USM KIT	609.99
EOS Elan IIE QD	CALL
EOS Elan IIE	349.99
EOS Elan II	309.99
EOS REBEL 2000	219.99
EOS REBEL 2000 QD	249.99
EOS IX/IX LITE	229.99/224.99

CANON LENSES

50 1.4 USM	274.99
70-35 3.5-4.5 USM	304.99
22-55 4.0-5.6 USM	119.99
24-85 3.5-4.5 USM	209.99
28-80 3.5-5.6 USM	74.99
28-105 3.5-4.5 USM	209.99
28-135 3.5-5.6 USM IS	424.99
55-200 4.5-5.6 USM	159.99
80-200 4.5-5.6 USM	94.99
100-300 4.5-5.6 USM	199.99
24 2.8 EF	269.99
50 1.8 EF...49.99 50 1.8 EF II	CALL
50 2.5 MACRO EF	219.99
100 2.8 MACRO EF	419.99
35-80 4.0-5.6 EF	59.99
75-300 4.0-5.6 EF	119.99
300 4.0 L USM IS	1099.99
17-35 2.8 L USM	999.99
28-70 2.8 L USM	929.99
100-400 4.5-5.6 L USM	1469.99

EOS FLASHES

550 EX....319.99 540 EZ....219.99
380 EX....119.99 220 EX....79.99

EOS Accessories

2X CONVERTER F/EOS.....34.99
WIDE STRAP FOR EOS.....19.99
CASE FOR CAMERA & LENS.....29.99
GADGET BAG.....34.99

FD Manual Focus

2X CONVERTER FOR FD.....24.99
POWER WINDER FOR FD.....24.99
24 2.8 FOR FD.....69.99
28-70 3.5-4.5 FOR FD.....89.99
28-105 3.5 FOR FD.....129.99
28-200 4.0 FOR FD.....149.99
70-210 4.0-5.6 FOR FD.....89.99
75-300 4.5-5.6 FOR FD.....129.99
100-500 5.6-8.0 FOR FD.....289.99
500 8.0 FOR FD.....94.99

Nikon AUTHORIZED DEALER!

Nikon Camera Kits

KIT N-2
Nikon Camera Body w/Electronic Flash, **Nikon 28-80** 3.5-5.6 D AF Lens, Strap, Tripod, 2 Rolls Film, Lens Cleaning Kit, 2 Capkeepers

KIT N-3
Nikon Camera Body w/Electronic Flash, **Nikon 35-80** 4.0-5.6 D AF Lens, **Nikon 80-200** 4.5-5.6 D AF Lens, Strap, Camera Case, 2 Capkeepers, Tripod, 2 Rolls Film, Cleaning Kit

KIT N-4
Nikon Camera Body w/Electronic Flash, **Tamron 28-200 MACRO** 3.8-5.6 LD IF Super Aspherical Lens, Strap, Full-Size Tripod, Camera Case, 2 Rolls Film,Cleaning Kit, Capkeeper

KIT N-6
Nikon Camera Body w/Electronic Flash, **Nikon 28-80** 3.5-5.6 D AF Lens, **Nikon 80-200** 4.5-5.6 D AF Lens, Strap, Camera Case, Full-Size Tripod, 2 Rolls Film, Cleaning Kit

Camera	KIT N-2	KIT N-3	KIT N-4	KIT N-6
F5	1769.99	1829.99	1979.99	1839.99
F100	1169.99	1249.99	1359.99	1259.99
N90s	779.99	799.99	899.99	839.99
N80	CALL	CALL	CALL	CALL
N70	419.99	509.99	579.99	519.99
N60	329.99	419.99	469.99	429.99
FM-2	474.99	554.99	569.99	574.99

ALL PRICES LISTED AFTER REBATES

Special Packages

Nikon N60 Package:
• Nikon N60 Body w/Flash
• Nikon 35-80 4.0-5.6 AF D Lens
• Tripod • Strap
• Film • Cleaning Kit
324.99
Same kit w/Add'l 80-200 4.5.....439.99

Nikon N70 Package:
• Nikon N70 Body w/Flash
• Nikon 35-80 4.0-5.6 AF D Lens
• Tripod • Strap
• Film • Cleaning Kit
399.99
Same kit w/Add'l 80-200 4.5.....514.99

Nikon Pronea S Package:
• Nikon Pronea S Body w/Flash
• Nikon 30-60 AF D IX Lens
• Tripod • Strap
• APS Film • Cleaning Kit
324.99
Same kit w/Add'l 60-180.....469.99

Nikon N90s Package:
• Nikon N90s Body w/Flash
• Nikon 35-80 4.0-5.6 AF D Lens
• Tripod • Strap
• Film • Cleaning Kit
754.99
Same kit w/Add'l 80-200 4.5.....879.99

Nikon N90s PRO PACKAGE
• Nikon N90s Camera Body
• Nikon 35-70 2.8 AF-D Lens
• Nikon 80-200 2.8 AF-D Lens w/Tripod Mt
• Camera Strap • Full-Size Tripod
• 5 Rolls Film • Lens Cleaning Kit
• Capkeeper • Camera Bag
1899.99

Nikon F5 PRO PACKAGE
• Nikon F5 Camera Body
• Nikon 35-70 2.8 AF-D Lens
• Nikon 80-200 2.8 AF-D Lens w/Tripod Mt
• Camera Strap • Full-Size Tripod
• 5 Rolls Film • Lens Cleaning Kit
• Capkeeper • Camera Bag
2949.99
Same Package With F100.....2349.99

Lens Specials

Nikon 35-70 2.8 AF-D Zoom Lens - 529.99

Nikon 80-200 2.8 AF-D Lens w/Tripod Mount - 749.99

Nikon 28-105 3.5-4.5 AF-D Lens - 299.99

Nikon 70-300 4.0-5.6 AF-D Lens - 249.99

Nikon Camera Bodies

N70 BODY USA	349.99
N70 QD BODY USA	389.99
N60 BODY USA	239.99
N60 QD BODY USA	CALL
F5 BODY	1689.99
F100 BODY	1059.99
N90s BODY	679.99

Nikon Accessories

2X AF F/Nikon	34.99
Wide Strap F/Nikon	19.99
Camera Bag F/Nikon	34.99
Case F/Camera & Lens	29.99
EYECUP F/Nikon	19.99
Lens Cleaning Kit	19.99

Nikon Flashes

SB-28	259.99
SB-27	144.99
SB-20	129.99
SB-25	74.99
SB-27x	109.99
SB-29 Macro	CALL

Nikon AF Lenses

20 2.8 D AF	379.99
24 2.8 D AF	244.99
28 2.8 D AF	149.99
50 1.4 D AF	209.99
50 1.8 AF	74.99
60 2.8 MICRO D AF	269.99
105 2.8 MICRO D AF	499.99
300 4.0 ED IF AF	819.99
20-35 2.8 D AF	1149.99
24-120 3.5-5.6 D AF	414.99
28-70 3.5-4.5 D AF	249.99
28-70 2.8 AF-S	1399.99
28-80 3.5-5.6 D AF	99.99
28-105 3.5-4.5 D AF	274.99
28-200 3.5-5.6 D AF	409.99
35-70 2.8 D AF	519.99
35-80 4.0-5.6 D AF	69.99
70-210 4.0-5.6 D AF	209.99
70-300 4.0-5.6 D AF	249.99
80-200 4.5-5.6 D AF	94.99
80-200 2.8 D AF (W/Tripod Mt)	749.99
80-200 2.8 AF-S	1339.99

AIS Manual Focus

FM-2 BODY	359.99
FM-10 Kit W/35-80	184.99
24 2.8 AIS FOR NIKON	59.99
28-70 3.5-4.5 AIS FOR NIKON	89.99
28-105 3.5 FOR AIS	129.99
28-200 4.0 For AIS	149.99
70-210 4.5-6 AIS For NIKON	89.99
75-300 4.5-5.6 AIS (Nikon	129.99
100-500 5.6-8.0 AIS f/Nikon	289.99
500 8.0 AIS F/Nikon	94.99
2X MF FOR NIKON	24.99
Power Winder F/Nikon MF	24.99

MINOLTA AUTHORIZED DEALER!

Special Packages

Maxxum XTSI Package
• Maxxum XTSi Body w/Flash
• Minolta 28-80 4.0-5.6 XI AF Lens
• Strap • Tripod • Film
• Lens Cleaning Kit
339.99
Same kit w/Add'l 100-300.....459.99

Maxxum HTSI Package
• Maxxum HTSi Body w/Flash
• Minolta 35-80 4.0-5.6 PZ AF Lens
• Strap • Tripod • Film
• Lens Cleaning Kit
284.99
Same kit w/Add'l 100-300.....399.99

Minolta 800SI Package
• Minolta 800Si Body w/Flash
• Minolta 28-80 4.0-5.6 XI AF Lens
• Strap • Tripod • Film
• Lens Cleaning Kit
539.99
Same kit w/Add'l 100-300.....679.99

X-700 MANUAL PACKAGE
• Minolta X-700 Body • Flash
• 28-70 3.5-4.5 Lens f/MD
• 75-300 4.5-5.6 Lens f/MD
• Strap • Tripod • Film
• Lens Cleaning Kit
419.99

Minolta Camera Kits

KIT M-1
Minolta AF Camera Body w/Flash, **Minolta 28-80** 4.0-5.6 XI Lens, Strap, Tripod, Capkeeper, 2 Rolls Film, Lens Cleaning Kit

KIT M-3
Minolta AF Camera Body w/Flash, **Minolta 28-80** 4.0-5.6 XI Lens, **Minolta 75-300** 4.5-5.6 AF Lens, Strap, Camera Bag, Tripod, 2 Rolls Film, Lens Cleaning Kit, 2 Capkeepers

KIT M-4
Minolta AF Camera Body w/Flash, **Tamron 28-200** 3.8-5.6 LD IF Super Aspherical **Macro** Lens, Strap, Camera Case Tripod, Film, Lens Cleaning Kit, Capkeeper

KIT M-6
Minolta AF Camera Body w/Flash, **Minolta 28-105** 3.5-4.5 Lens, **Minolta 100-300** 4.5-5.6 AF Lens, Strap, Camera Bag, Full-Size Tripod, 3 Rolls Film, Cleaning Kit, 2 Capkeepers

Camera	KIT M-1	KIT M-3	KIT M-4	KIT M-6
Maxxum 9	1299.99	1449.99	1489.99	1499.99
800 SI	539.99	719.99	684.99	794.99
XTSI	339.99	514.99	489.99	554.99
HTSI	284.99	449.99	419.99	524.99
QTSI *NEW!*	259.99	419.99	399.99	499.99
STSI *NEW!*	*CALL*	*FOR*	*LOW*	*PRICE!*

ALL PRICES LISTED AFTER REBATES

AF SLR Camera Bodies

Maxxum 9	1279.00
800 SI	489.99
XTSI....*NEW!*	284.99
HTSI	224.99
QTSI	199.99
STSI w/35-80...*NEW!*	CALL

MAXXUM AF LENSES

24 2.8 AF	199.99
28 2.8 AF	139.99
50 1.7 AF	54.99
50 2.8 Macro AF	189.99
100 2.8 Macro AF	369.99
28-80 4.0-5.6 I AF	79.99
28-80 4.0-5.6 XI AF	69.99
28-105 3.5-4.5 I AF	199.99
28-105 3.5-4.5 XI AF	159.99
35-70 3.5-4.5 I AF	CALL
35-80 4.0-5.6 PZ AF	64.99
70-210 4.5-5.6 I AF	94.99
75-300 4.5-5.6 I AF	114.99
80-200 4.5-5.6 XI AF	84.99
100-300 4.5-5.6 I AF	124.99
100-300 4.5-5.6 XI AF	144.99

MAXXUM FLASHES

5400 HS	249.99
3500 XI	99.99
3200 I	54.99
2000 XI	34.99
4000 AF	99.99
2800 AF	49.99

ACCESSORIES

2X AF F/Maxxum	34.99
Wide Strap w/Maxxum Name	1099
Lens Cleaning Kit	19.99
Case f/Camera+Lens	29.99
Camera Bag f/Maxxum	34.99
RC-1000L Remote	29.99
RC-1000S Remote	29.99

MD Manual Focus

X-700 BODY	189.99
360PX....99.99 280 PX	59.99
24 2.8 F/MD	69.99
28-70 3.5-4.5 F/MD	89.99
28-105 3.5 FOR MD	129.99
28-200 4.0 For MD	149.99
70-210 4.0-5.6 f/MD	89.99
75-300 4.5-5.6 f/MD	129.99
100-500 5.6-80 f/MD	289.99
500 8.0 FOR MD	94.99
2X Converter F/MD	24.99
Power Winder F/MD	24.99

POINT & SHOOT Specials

PENTAX ZOOM 200 259.99

CANON ZOOM 135 179.99

More Point & Shoot

CANON 115 ZOOM	159.99
CANON 105 ZOOM	129.99
CANON SURE SHOT AI	119.99
CANON ELPH	169.99
CANON ELPH II	194.99
CANON ELPH 370z	229.99
CANON ELPH 490Z	259.99
CANON ELPH IR	94.99
MINOLTA VECTIS 2000	189.99
NIKON NUVIS S	219.99
OLYMPUS ZOOM 140	194.99
OLYMPUS ZOOM 115	164.99
PENTAX 160 ZOOM	214.99
140M ZOOM	189.99
PENTAX 115M ZOOM	164.99
PENTAX 105WR ZOOM	179.99
PENTAX 90MC ZOOM	144.99
PENTAX 928 ZOOM	159.99

CALL FOR OTHER POINT AND SHOOTS!

Vivitar Lenses

100-400 4.0-6.3 Super Telephoto For All AF Cameras - 179.99

SIGMA

170-500 5.0-6.3 APO Aspherical For All AF Cameras - 559.99

PENTAX AUTHORIZED DEALER!

Special Packages

Pentax ZX-5n Package:
• Pentax ZX-5n Body
• Pentax FA 28-80 3.5-4.7 Lens
• Strap • Tripod
• Lens Cleaning Kit • Film
329.99
Same kit w/Add'l 100-300.....479.99

Pentax ZX-7 Package:
• Pentax ZX-7 Body
• Pentax F 35-80 4.0-5.6 Lens
• Strap • Tripod
• Film • Lens Cleaning Kit
329.99
Same kit w/Add'l 80-200 4.7.....449.99

Pentax ZX-50 Package:
• Pentax ZX-50 Body
• Pentax F 35-80 4.0-5.6 Lens
• Strap • Tripod
• Film • Lens Cleaning Kit
224.99
Same kit w/Add'l 80-200 4.7.....329.99

Pentax ZX-M Package:
• Pentax ZX-M Body
• Pentax F 50 2.0 Lens
• Strap • Tripod
• Film • Flash
• Lens Cleaning Kit
179.99

Pentax Camera Kits

KIT P-1
Pentax Camera Body w/Electronic Flash, **Pentax AF 35-80** 4.0-5.6 AF Lens, Strap, Tripod, 2 Rolls Film, Lens Cleaning Kit, Capkeeper

KIT P-2
Pentax Camera Body w/Electronic Flash, **Pentax FA 28-80** 3.5-4.7 AF Lens, Strap, Tripod, 2 Rolls Film, Lens Cleaning Kit, Capkeeper

KIT P-3
Pentax Camera Body w/Electronic Flash, **Pentax FA 28-80** 3.5-4.7 AF Lens, **Pentax F 80-200** 4.7-5.6 AF Lens, Strap, Camera Case, Tripod, 2 Rolls Film, Lens Cleaning Kit

KIT P-4
Pentax AF Camera Body w/Flash, **Tamron 28-200 MACRO** 3.8-5.6 LD IF Super Aspherical Lens, Strap, Camera Case Tripod, Film, Lens Cleaning Kit

Camera	KIT P-1	KIT P-2	KIT P-3	KIT P-4
PZ-1P	529.99	539.99	559.99	769.99
ZX-5N	334.99	329.99	449.99	499.99
ZX-7	329.99	324.99	414.99	459.99
ZX-10	269.99	279.99	369.99	389.99
ZX-50	224.99	244.99	349.99	314.99
ZX-M	219.99	204.99	264.99	379.99

ALL PRICES LISTED AFTER REBATES

AF SLR CAMERA BODIES

PZ-1P	464.99
ZX-5N	299.99
ZX-7	234.99
ZX-50	159.99

PENTAX AF LENSES

FA 50 2.8 MACRO	279.99
FA 28-70 4.0	139.99
FA 28-80 3.5-4.7	89.99
FA 28-105 3.5-4.5	169.99
FA 28-200 3.8-5.6	209.99
FA 35-80 4.0-5.6	64.99
FA 70-200 4.0-5.6	139.99
FA 100-300 4.5-5.6	169.99

PENTAX FLASHES

AF-500 FTZ...249.99 AF-330FTZ...119.99

PENTAX ACCESSORIES

2X Converter F/Pentax AF	34.99
WIDE STRAP F/PENTAX	19.99
CASE F/CAMERA & LENS	29.99
GADGET BAG	34.99
LENS CLEANING KIT	19.99

PENTAX MANUAL FOCUS

K1000 BODY	129.99
28-70 3.5-4.5 PK FOR PENTAX	89.99
28-105 3.5 PK FOR PENTAX	129.99
28-200 4.0 PK FOR PENTAX	149.99
70-210 4.0-5.6 PK FOR PENTAX	94.99
75-300 4.5-5.6 PK F/PENTAX	129.99
100-500 5.6-8.0 PK F/Pentax	289.99
500 8.0 PK FOR PENTAX	94.99

TAMRON AUTHORIZED DEALER!

Special Lens Deals!

28-200 3.8-5.6 LD IF Super Aspherical Macro For All AF Cameras - 239.99

28-300 3.5-6.3 LD IF Super Aspherical Macro For All AF Cameras - 419.99

28-80 3.5-5.6 Aspherical For All AF Cameras - 189.99

100-300 5.0-6.3 Compact Macro For All AF Cameras - 229.99

AF Lenses

90 2.8 Mac	319.99
300 2.8 LD	2699.99
24-70 3.3-5.6	399.99
20-40 2.7-3.5	619.99
28-80 3.5-5.6	189.99
28-105 4.0-5.6	239.99
28-105 2.8	629.99
70-300 4.0-5.6	219.99
70-300 Pro	499.99
80-210 4.5-5.6	189.99
200-400 5.6 LD	359.99

Most AF Lenses Available For EOS, Maxxum, Nikon AF, Pentax AF

200-400 5.6 LD IF For All AF Cameras - 359.99

SIGMA AUTHORIZED DEALER! SIGMA

AF Lenses

24 2.8 Wide	359.99
28 1.8 Asph	729.99
50 2.8 Mac EX	449.99
105 2.8 Mac EX	589.99
17-35 2.8-4.0	359.99
28-80 3.5-5.6 Mac	189.99
28-70 2.8-4.0	569.99
28-105 2.8-4.0	429.99
70-300 4.0-5.6	189.99
70-300 Pro	539.99
70-210 4.0-5.6	189.99
100-300 4.5-6.7	239.99
135-400 4.5-5.6	429.99
2x APO	159.99

Most AF Lenses Available For EOS, Maxxum, Nikon AF, Pentax AF

Company Policy: Payment can be made with Visa, Mastercard, Discover, American Express, Diners Club, Check, or C.O.D. These are mail order prices only. In-Store prices may be different. If you would like to come to the store, please call ahead of time. For personal checks and money orders, please allow four weeks from the time we deposit your check. All prices are valid through end of monthly issue. All prices listed are after manufacturer's rebate, unless otherwise noted. S&H charges extra. Everything we sell is brand new. Merchandise can be returned or exchanged within 21 days from time of receipt; 7 days for audio and video equipment. All returns must be in original mint contition, with unmarked carton, packing, papers, and unfilled warranty cards. Shipping and handling charges are not refundable. All returns subject to minimum 5% restocking fee. All returned merchandise must be accompanied by RMA #. No dealers. We reserve the right to limit quantities. Not responsible for typographical errors. Special Order Items are not returnable. All products carry USA, Store, or International Warranty. Enjoy your order!

buy • sell • trade

We Pay Top Dollar

for

Nikon • Leica • Hasselblad
Mamiya • Rollei • Pentax
Bronica • Canon • Minolta

We pay a premium for mint used
Nikon & Canon EOS Equipment

Lauderdale Camera

1316 S.E. 17th Street, Ft. Lauderdale FL 33316
(800) 749-4990 Fax: (954) 524-9342
http://lauderdalecamera.home.mindspring.com/

B&H PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL: 800-947-9953 212-444-6653

OR FAX (24 HOURS): 800-947-7008 212-239-7770

WE WILL BE CLOSED APRIL 19-27 AND JUNE 9

On the Web: http://www.bhphotovideo.com

QUICK DIAL 71

DV Camcorders

Panasonic

NEW

PV-DV100/200/400 DV Palmcorders

The ultimate in home video recording. Using the revolutionary DV format, the Panasonic digital camcorder is capable of delivering recordings with over 380 lines of horizontal resolution. That's far better than the resolution offered by a live television broadcast! And, it can also record CD-quality audio, all on a miniature cassette that is 1/12th the size of a standard VHS tape. All in a digital Palmcorder that fits comfortably in the palm of your hand.

- **IEEE1394 PC Interface** - connects to similarly-equipped DV camcorders and VCRs, so dubbed recordings will be clones of the original. **RS232** serial port.
- **18x Hi-Definition Optical Zoom** - this acts like a telescope to produce close-up shots with extraordinary clarity. It also offers 7 different zoom speeds.
- **300x Digital Zoom** - for incredibly close shot.
- **2.5" Color LCD Monitor** - delivers brilliant clear picture in full vivid color, rotates 270°, with built-in speaker so you can check finished recordings right on location.
- **5-Mode Program AE** (Auto Exposure).
- **PhotoShot Built-in Digital Still Camera** - you can record about 750 still images on one 60 minute tape in LP mode.
- **Digital Effects**
- **Index Search**
- **Digital Electronic Image Stabilization.**
- **PCM Stereo** (12-bit/16 bit).
- **Book Mark Search**
- **Dimensions** 3 x 4.25 x 6" weighs 1.5 lbs.

PV-DV200 Step-up Features:

- 8mb Multi-Media card for storing digital stills
- Includes remote control

PV-DV400 Step-up Features:

- 3" Color LCD Monitor • Infra-Red filter to allow you take video in very low light situations

AG-EZ1 3-CCD Digital Video Camcorder

- Digital recording delivers 500 lines of horizontal resolution with no noise. (S/N ratio is 54dB).
- 10:1 power and 20:1 digital zoom lens. Both zooms are adjustable in four speeds (3.5-15 sec.) For extreme close-ups the lens can focus up to 1/4" from the subject.
- Two digital audio modes, choose between two-channel 16-bit stereo recording or two sets of 12-bit stereo.
- Huge 1.5" 180,000 pixel color viewfinder with 400 lines of resolution displays all functions on demand.
- Digital Electronic Image Stabilizer (DEIS) compensates for jittery video. Particularly effective when the digital zoom is employed.
- Variable speed shutter from 1/60—1/8000 of a second
- Built-in SMPTE time code generator.
- Digital Photo-Shot lets you record a still-frame for six seconds, while audio continues as normal. 290 still pictures can be recorded on a single 30-minute tape. TopScan function finds any shot easily.

$1695

Canon

ULTURA

The power and flexibility of the Ultura is truly amazing. Do things that you never could before. Fade-in, fade-out; change focus from foreground to background; snap still photos; and perform sophisticated editing to your heart's content.

- Genuine Canon Optics,16X Optical/320X Digital Zoom Lens • Optical Image Stabilization
- FlexiZone Auto Focus/Auto Exposure
- 5 Mode Program Auto Exposure
- Auto Editing Function • Color Viewfinder
- 2.5" Color LCD View Screen with Built in Speaker
- IEEE 1394 DV Terminal In/Out
- Digital Effects
- Digital Photo Mode
- Manual Controls
- PCM Digital Stereo Sound
- Photo Mode
- Movie Mode
- 2 Lux • 37.5mm • 3 x 3.5 x 6.2" • Weighs only 1.9 Lbs

OPTURA

World's First Hybrid Digital Video Camcorder w/35mm SLR Camera Design & Performance features

- 14:1 optical zoom, 35x digital zoom
- Seven programmed auto exposure modes
- Shutter-priority/Aperture-priority (Tv/Av) modes offer the creative image controls commonly found on 35mm SLR cameras
- Professional quality digital fades and wipes
- Attach a Canon Speedlite flash (220EX or 380EX) for SLR-style flash photography
- Manual focus, exposure and white balance. The exposure can also be locked at any time
- LP. mode extends tape usage by 1.5 times, giving you up to 90 minutes from a single 60 minute Mini DV cassette

ELURA

- Brilliant digital video, digital still photos and digital stereo sound • Progressive Scan CCD w/ RGB Primary Color Filter
- Canon 12X Optical Zoom, 48X Digital Zoom
- Canon's Optical Image Stabilization
- IEEE 1394 DV Terminal Input and Output
- Three Shooting Modes: Normal Movie Mode, Digital Photo Mode & Digital Motor Drive™
- Analog Line-In • A/V Insert & Audio Dubbing
- Large 2.5˝ LCD screen and Color Viewfinder
- Canon Programmed AE
- Noise Reduction; eliminates video noise
- PCM Digital Stereo Sound
- One Touch Dubbing
- Photo Mode • Movie Mode
- 3 Lux • 30.5mm • 2.4 x 5 x 4.25"
- Weighs only 1.3 Lbs

GL-1 The First Digital Video (DV) Camcorder with PRO L-Series Fluorite 20X Zoom Lens

- Professional L-Series Fluorite Lens - a material that provides outstanding resolution, contrast and color reproduction and minimizes color aberration, especially in high-magnification lenses.
- 20X Optical Zoom - At a 35mm focal length equivalent of 40 - 806mm, the 20X optical zoom transforms distant subjects into, dramatic close-ups.
- 100X Digital Zoom - capable of extending between 40X - 100X. At full telephoto, the 35mm focal equivalent is 80-600mm.
- Optional WD-58 Wide-converter - will increase by 0.7X, 28mm in 35mm focal equivalent, for indoor shots or panoramic views.
- Optical Image Stabilization - eliminates image shake due to a wide range of movement and/or high wind conditions.
- Three Shooting Modes -Frame Movie mode allows users to record high-speed action at 30 fps. - Normal Movie mode delivers more than 500 lines of resolution - Digital Photo mode, with self timer, captures more than 700 still frame images on a single 80-minute cassette in SP mode. For SLR-style flash photography, the digital photo mode will accommodate a selection of Canon's speedlight flashes, including the 220EX, 380EX or 550EX.
- Direction Accurate Microphone.
- Programmed AE - Offers seven advanced recording controls -Full Auto Green Zone -Auto Mode -Manual Mode -Spotlight -Sand & Snow -Shutter Priority/Aperture Priority
- Picture Adjustment Supports -Camera Sharpness adjusts picture sharpness before recording.

SONY

DCR-PC100

With the introduction of the DCR-PC100 Digital Handycam camcorder, Sony has introduced the first Mega-Pixel CCD imager.With 1070k Pixels, the PC100 has the ability to produce stunning digital video and still image quality never before offered before in a consumer camcorder. When shooting video, the DCR-PC100 is capable of producing a horizontal resolution of over 500 lines. When using the Digital Still Image feature, the Memory Stick equipped memory mode in the PC100 allows a large, 1152 x 864 image size.

Audio/Video Performance

- Digital Video Recording
- 1st Mega-Pixel CCD DV Handycam Camcorder (1070k Pixel)
- Over 500 Lines of Horizontal Resolution
- Memory Mode with Memory Stick digital storage media
- High Quality 1152 x 864 still image resolution
- Advanced "HAD" CCD technology
- Professional Quality Carl Zeiss Lens
- 10X Optical/120X Digital Zoom
- NightShot 0 Lux with Slow Shutter

Editing

- i.LINK DV Interface

Power Management

- Stamina Power Management 6.5 Hours
- InfoLithium Battery w/AccuPower meter system

Convenience

- Analog Recording Inputs
- Serial Port Connection (RS232C)
- LaserLink wireless transmitter system
- 2.5" Color LCD Display
- Color Viewfinder
- Intelligent Accessory Shoe

Special Features

- Progressive Shutter System

Introducing the next generation of digital data storage media, Memory Stick™ digital data storage, and the new industry standard for storage and transfer media. Smaller than a stick of chewing gum, Memory Stick digital data storage has many times the capacity of a standard 3.5" floppy disk, while providing the ability to interface with and between a potentially endless array of audio/video and computer products. With Memory Stick digital data storage, you can transfer information, such as data, text, and graphics, from one electronics device (e.g. the DSC-F55 CyberShot digital still camera, DCR-PC100 or DCR-TRV10 Digital camcorders) to another (e.g. a laptop or desktop computer, CyberFrame digital photo frame or DPP-MS300 Memory Stick printer).

DCR-TRV8/TRV10 HandyCam DV Camcorders

- 1/4" 680,000 pixel CCD imager designed specifically for DV picture quality
- 10X optical and 120X digital zoom lens
- 5-lux minimum illumination
- Analog input lets you record from analog sources like Hi8 and S-VHS and master onto DV cassettes
- Nightshot 0 lux system incorporates infra-red emitters so you can record in total darkness up to 10-feet away
- Up to 9 hours recording time with optional NP-F950 InfoLithium Battery
- Self illuminated, easy to see VCR controls for working in dimly lit environments
- Intelligent accessory shoe provides synchronized operation of lights and microphones, automatically
- LaserLink system provides wireless connection of up to 16-feet between the camcorder and TV (requires optional IFT-R10 receiver)
- 5-mode Program AE for proper exposure in a variety of situations: Portrait, Beach and Ski, Sports Lesson, Landscape, Spotlight, Sunset and Moon

JVC

GR-DVF11/F21/F31

Digital CyberCam DV Camcorder

All are price breaking camcorders, yet still offer the incredible picture and sound quality of the DV format. Virtually identical (except for the size of their LCD screen and the inclusion of a color viewfinder), they all feature DV input/output as well as digital output, digital effects and transitions, and long-time record capability. They also come bundled with five software programs to enhance your videos (except for DVF11).

- **Optical 16:1 variable speed and 400:1 super digital zoom** with spline interpolation technology to smooth image contours and minimize jagged edges.
- **High resolution 2.5-inch tiltable LCD color monitor** with built-in speaker. (Also has B&W viewfinder).
- **Full automatic functions** plus manual control of focus, exposure, white balance and iris.
- **Motor Drive mode** lets you shoot snapshots in rapid succession.
- **Built-in 5-watt light** automatically turns on when there is insufficient light (can be switched off).
- **Advanced snapshot mode** lets you freeze a scene with the option of adding a white border or drop-shadow to the shot. Single, 4-or 9-frame multi-screen shots are also available.
- In addition to the supplied **2-hour nicad battery**, you can shoot up to 7 hours with the optional VU-V856 High Capacity Battery Kit.

GR-DVF31 Step-up Features:

- **High resolution 3-inch tiltable LCD color monitor** with built-in speaker and high resolution color viewfinder.

GR-DVM50/DVM70

DV with IEEE1394 I/O & LCD Monitor

The GR-DVM50 and GR-DVM70 are identical, they offer **DV input/output** in addition to many other outstanding features. They incorporate a high-quality 2.5˝ TFT active matrix polysilicon LCD monitor with over 180,000 pixels for outstanding resolution—even outdoors in sunlight.

- **10X variable speed optical zoom** with macro as well as a **200X digital zoom**. Spline interpolation technology smoothes out image contours to minimize jagged edges when recording in digital zoom mode
- They offer a powerful array of **pro style digital effects** (8) and scene transitions (12). Most of the effects can even be applied during playback to spice up your shots
- Equipped with high resolution, 180,000 pixel **2.5˝ LCD color monitor**. The monitor tilts for high-angle overhead shooting in crowds, low-angle shots, and self-portraits when pointed forward. There is also a 0.55˝ **color viewfinder.**
- The **GR-DVM70 has a removable multimedia card** that lets you download snapshots from the camera to a PC, and upload graphics from your PC back to the camera for insertion into DV footage. The supplied 4MB card stores up to 30 fine-resolution, 50 standard-resolution or 100 economy-resolution stills in the space of a postage stamp. Also has a flash and titles with frame borders.

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

420 Ninth Ave.
(Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

35MM POINT & SHOOT CAMERAS • 35MM POINT & SHOOT CAMERAS

QUICK DIAL 633

MINOLTA FREEDOM ZOOM EXPLORER

$139.95

• 28-70mm f/3.5-8.4 Zoom Lens • 3 Beam AF 2′ to Infinity + Macro • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Center Weighted Metering, Continuous Drive, Landscape + Macro Mode • 4.7 x 2.6 x 1.7″ • Weighs 8.5 oz.

OLYMPUS STYLUS EPIC ZOOM 80

$139.95

• 38-80mm f/4.5-8.9 Zoom Lens • AF 2′ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • 2 Zone Metering • Weather Resistant • Infinity Mode • 4.5x2.3x1.6″ • Weighs 6.5 oz.

YASHICA T4 SUPER

$149.95

• 35mm f/3.5 Fixed Zeiss Lens • 3 Beam AF 1.2′ to Infinity • Auto Flash, Fill Flash, Flash Off, Red-Eye Reduction • Infinity Mode • Weatherproof • 4.7 x 2.5 x 1.6″ • Weighs 6.7 oz.

Canon SURE SHOT CLASSIC 120

$184.95

• 38-120mmf/4.5-10.9 Zoom Lens • 3-Point AF 1.3′ to infinity • Built-in Diopter • Personal, Portrait, Action. Spot Modes • Retractable Auto Flash, Fill Flash, Flash Off,Slow Sync., Red-Eye Reduction • 4.5 x 2.5 x 1.8″ • Weighs 8.8 oz.

MINOLTA FREEDOM ZOOM SUPREME EX

$189.95

• 39-125mm f/3.5-9.9 Zoom Lens • AF 2′ to Infinity + Macro • Auto Flash, Fill Flash, Slow Sync, Red-Eye Reduction • Multi Segment or Spot Metering • Continuous shooting • Portrait Mode • With Remote • 5.1 x 2.7 x 2″ • Weighs 9.7 oz.

PENTAX IQ ZOOM 105WR

Weather Resistant

$199.95

• 38-105mm f/4.5-11 Aspherical Zoom Lens • AF 2.1′ to Infinity • Auto Zoom Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Bulb • 5 Point Passive or Spot AF • Infinity • Panorama • 5.2 x 3 x 2.3″ • Weighs 12 oz.

Canon SURE SHOT Z135

$219.95

• 38-135mm f/3.6-8.9 Zoom Lens • 3 Point AF, Spot AF, 1.3′ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Exp. Compensation • Self Diagnosis Warning, Portrait, Macro, Motion/ Silent Photomodes • 5.3 x 2.8 x 2.6″ • Weighs 12.1 oz.

SAMSUNG MAXIMA ZOOM 145 QD KIT

$219.95

• 38-145mm f/3.7-10.95 Schneider Zoom Lens • Passive Multi or Spot AF 2′ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Fuzzy, Portrait, Step Zoom, Interval, Snap Shooting • Panorama Mode • Infinity Mode • 5.3x3x2.5″ • 12.3 oz.

OLYMPUS STYLUS ZOOM 80 WIDE DATE

CALL

• 28-80mm f/4.5-8.4 Zoom Lens • AF 2.6′ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Center Weighted or Spot Metering • Panorama Mode • Weather Resistant • 4.7 x 2.5 x 1.9″ • Weighs 9 oz.

PENTAX IQ ZOOM 120 Mi PANORAMA DATE KIT

$239.95

• 38-120mmf/4.8-12.5 Zoom Lens • 5-Point Passive AF 2′ to infinity • Spot AF Mode • Panorama Mode • Auto Flash, Fill Flash, Flash Off,Slow Sync., Red-Eye Reducton • Optional Remote, Adjustable Diop., Infinity • 4.1 x2.5 x1.6″ • Weighs 7.2 oz.

Rollei PREGO ZOOM 115 DATE

$239.95

• 38-115mm f/3.9-10.7 Zoom Lens • AF 1.7′ to Infinity, Spot + Macro • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Fuzzy, Portrait Mode • Infinity Mode • Snap Mode • Data Back • 5 x 2.5 x 1.8″ • Weighs 9.1 oz.

OLYMPUS STYLUS ZOOM 140

$249.95

• 38-140mm f/4-11 Zoom Lens • Passive AF 2′ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • 3 Zone or Spot Metering • Weather Resistant • Adjustable Diopter • 4.7 x 2.6 x 2″ • Weighs 9 oz.

Rollei PREGO ZOOM 145

$264.95

• 38-145mm f/3.7-10.9 Zoom Lens • Passive AF 2′ to Infinity, Spot + Macro • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • Fuzzy, Portrait Mode • Backlight Compensation • Infinity Mode • Snap Mode • 5.2 x 2.9 x 2.1″ • Weighs 11.7 oz.

PENTAX IQ ZOOM 160

$269.95

• 38-160mm f/4.5-12 Aspherical Zoom Lens • AF 2.6′ to Infinity + Macro • Auto Zoom Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Bulb • 5 Point Passive or Spot AF • Infinity • Panorama • LCD Illumination • 5x2.9x2.3″ • 11.1 oz.

OLYMPUS IS-20 Q.D.

$299.95

• 28-110mm f/4.5-5.6 Aspherical Zoom Lens • AF 2.5′ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction, Manual Setting • Fuzzy Logic, Center or Spot Metering • Aperture Priority or Program Modes • Flip-down lenscap • 52mm • 4.8 x 3.5 x 4.3″ • Weighs 22.9 oz.

PENTAX IQ ZOOM 200

$319.95

• 48-200mm f/5.1-13 Aspherical Zoom Lens • AF 2.6′ to Infinity + Macro • Auto Zoom Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction + Bulb • 5 Point Passive or Spot AF • Infinity • Panorama • LCD Illumination • 5 x 2.9 x 3″ • Weighs 12.2 oz.

OLYMPUS IS-3 DELUXE DATE

$449.95

• 35-180mm f/4.5-5.6 ED Zoom Lens • AF or Power Focus 3.9′ to Infinity • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction, Manual Setting • Fuzzy Logic, Center or Spot Metering • Aperture, Shutter, Program, Manual Settings • 4.8 x 3.7 x 6.8″ • Weighs 34 oz.

MINOLTA VECTIS 300

ADVANCED TECHNOLOGY

$239.95

• 24-70mm f/5.7-9.8 Zoom Lens (35 equiv. 30-87mm) • AF 1.3′ to Infinity • Auto Flash, Fill Flash, Flash Off, Red-Eye Reduction, Night Portrait • Center Weighted Metering • 3 Title Printing • 3.8 x 2.4 x 1.3″ • Weighs 7.6 oz.

OLYMPUS i Zoom 75

ADVANCED TECHNOLOGY

$229.95

• 28-75mm zoom, 2.7x zoom (35 equiv. 35-94mm) • Compact stylish design • Intelligent variable flash • All-weather metallic finish • Spot mode • APS benefits • 4.2 x 2.1 x 1.3″ • Weighs 5.8 oz.

Canon ELPH 370Z

ADVANCED TECHNOLOGY

$239.95

• 23-69mm f/4.5-9.9 Zoom Lens (35 equiv.. 29-86mm) • Active/Passive 3 Point AF, Spot-Off • Auto Flash, Fill Flash, Flash Off, Slow Sync, Red-Eye Reduction • 3.7 x 2.5 x 1.5″ • Weighs 7.4 oz.

B&H PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL: 800-947-9953 212-444-6653

OR FAX (24 HOURS): 800-947-7008 212-239-7770

WE WILL BE CLOSED
APRIL 19-27 AND JUNE 9

On the Web: http://www.bhphotovideo.com

QUICK DIAL 633

Nikon Advanced Systems Dealer

Nikon

F-5

- Ultra fast operation
- 5 selectable AF areas
- Dynamic automatic focus tracing
- 3D color matrix, center weighted or spot metering • 4 exp. modes
- Shutetr 1/8000 sec. to 30 sec.
- 4 film advance modes
- 5 segment TTL multi sensor for auto flash • Auto balance fill flash
- Interchangeable finders, screens, backs • Monitor pre flash
- Exclusive F5 photo manager software • 25 custom settings

CALL USA

F4E 2199.95
Consists: MB-23 Batt. Pack, MH-20 Charger, (2) MN-20 Batt.

F100

- 5 area AF system w/fastest AF
- 10 segment matrix sensor
- Multi-Cam 1300 AF sensor
- Dynamic AF and single area AF modes
- Shutter speed 1/8000-30 sec.
- 1/250 sec. X-sync
- 4.5 fps focus tracking w/lock-on
- 3D matrix, CW and 5 area spot metering
- 5-segment TTL flash sensor

Body Only $1299.95 USA

F5 Anniv. In Stock

N90s

- Advanced Autofocus
- Focus tracking up to 4.1 fps
- 8 segment 3D matrix metering
- Center weighted & spot metering
- Matrix balanced fill flash
- 3D multi sensor balanced fill flash w/SB-28 and "D" lenses
- 1/8000 sec. top shutter speed
- 1/250 sec. flash sync-1/4000 w/SB-28 • 4.3 fps advance
- 6 exp. modes

CALL USA

N70

- Auto focus tracking to 3.1 fps
- 8 segment 3D matrix meter
- Center weighted and spot meter
- Built-in 3D multi sensor balanced fill flash covers 28mm lens
- 5 exp. modes
- High eyepoint viewfinder
- 1/4000 sec. top shutter speed w/1/125 sec. flash sync

CALL USA

N60

- 6 segment 3D matrix meter
- Manual, aperture, shutter priority & auto-multi exposure modes
- 1/2000 sec. top shutter speed w/1/125 flash sync
- Built-in 3D multi sensor balanced fill flash covers 28mm lens

Body Only $289.95 USA

F3HP

- High eyepoint finder w/virtual 100% coverage
- Interchangeable finders, screens, backs & power sources
- Auto or manual exposure control
- Highly center weighted meter
- 1/2000 to 8 sec. shutter range
- Ultra-strong titanium shutter
- TTL flash control
- Metering as low as EV1

CALL

PRONEA-S
APS Body

w/IX Nikkor 30-60/4-5.6.....369.95
IX Nikkor 60-180/4.5-5.6.....149.95
24-70 IX.....159.95

USA = Imported and warrantied by Nikon USA (AF lenses include a 1 year warranty plus 4 years extended service coverage)

IMP. = Imported & warrantied by B&H (not qualified for Nikon USA Rebates and Warranties)

NIKON LENSES

★ With Hood ◆ With case

AF AIS LENSES

	IMP.	USA
50/1.8 (52ø)	89.95	96.95
**300/4 ED IF (39ø)	839.95	899.95

D-TYPE AF NIKKOR LENSES

	IMP.	USA
*16/2.8 D (39ø)	619.95	749.95
18/2.8 D (77ø)	1079.95	1279.95
20/2.8 D (62ø)	429.95	479.95
24/2.8 D (52ø)	289.95	299.95
28/1.4 D (72ø)	1399.95	1659.95
28/2.8 D (52ø)	199.95	219.95
35/2.0 D (52ø)	264.95	299.95
60/2.8 D Micro (62ø) (1:1)	334.95	379.95
50/1.4 D (52ø)	239.95	264.95
85/1.4 D IF (77ø)	874.95	999.95
*85/1.8 D (62ø)	329.95	384.95
105/2.8 D Micro (52ø) (1:1)	549.95	649.95
*105/2.0 DC D (72ø)	759.95	899.95
135/2.0 DC D (72ø)	899.95	1049.95
180/2.8 D ED IF (72ø)	649.95	734.95
*200/4 D ED IF Micro (62ø)	1089.95	1324.95
*20-35/2.8 D (77ø)	CALL	CALL
24-50/3.3-4.5 D (62ø)	329.95	339.95
24-120/3.5-5.6 D (72ø)	459.95	499.95
28-70/2.8 IF ED	CALL	CALL
28-80/3.5-5.6 D (58ø)	CALL	119.95
28-105/3.5-4.5 D (62ø)	334.95	349.95
28-200/3.5-5.6 D (72ø)	464.95	499.95
35-70/2.8 D (62ø)	599.95	669.95
35-105/3.5-4.5 D (52ø)	CALL	—
70-180/4.5-5.6 ED D Zoom Micro (62ø)	749.95	969.95
70-210/4-5.6 D (62ø)	259.95	—
70-300/4.0-5.6 ED D (62ø)	279.95	299.95
75-240/4.5-5.6 (52ø)	CALL	139.95
80-200/2.8 w/ Tripod Collar (77ø)	839.95	899.95
80-200/2.8 AF"S" (77ø)	CALL	CALL
300/2.8 AF "S" (52ø-CW)	CALL	CALL
400/2.8 AF "S" (52ø)	CALL	CALL
500/4.0 AF "S" (52ø)	CALL	CALL
600/4.0 AF "S" (52ø)	CALL	CALL

MANUAL AIS LENSES

	IMP.	USA
**15/3.5 (39ø)	CALL	CALL
*16/2.8 (39ø)	749.95	839.95
20/2.8 (62ø)	519.95	—
24/2.0 (52ø)	659.95	799.95
24/2.8 (52ø)	379.95	—
28/2.0 (52ø)	599.95	699.95
28/2.8 (52ø)	359.95	—
*28/3.5 PC (72ø)	939.95	1239.95
*35/2.8 PC (52ø)	CALL	CALL
35/1.4 (52ø)	659.95	869.95
35/2.0 (52ø)	329.95	—
50/1.8 (52ø)	119.95	—
50/1.4 (52ø)	289.95	—
50/1.2 (52ø)	469.95	549.95
55/2.8 Micro (52ø)	279.95	339.95
NEW! 85/2.8 PC Micro-Nokkor(77ø)	CALL	CALL
*85/1.4 (72ø)	799.95	—
105/1.8	649.95	—
*105/2.5 (52ø)	359.95	409.95
*105/2.8 Micro (52ø)	614.95	—
*135/2 (72ø)	699.95	—
*135/2.8 (52ø)	359.95	409.95
*200/4 Micro (52ø)	669.95	939.95
**500/8 Reflex (82ø)	769.95	859.95
1000/11 Reflex (39ø)	1799.95	1999.95
28-85/3.5-4.5 (62ø)	499.95	—
35-70/3.3-4.5 Macro (52ø)	249.95	—
35-105/3.5-4.5 (52ø)	CALL	—
35-135/3.5-4.5 (62ø)	529.95	—
35-200/3.5-4.5 Macro (62ø)	899.95	1009.95
70-210/4.5 (72ø)	129.95	139.95

NIKON "ED" LENSES

	IMP.	USA
*180/2.8 (72ø)	799.95	—
200/2.0	CALL	CALL
*300/4.5 (72ø)	1029.95	—
**400/2.8 (52ø)	6299.00	6999.00
**400/3.5 (122/39ø)	3999.00	4599.00
**500/4P (39ø)	4499.95	5499.00
600/4.0 (52ø)	CALL	—
**800/5.6 (52ø)	5999.00	CALL

TELECONVERTERS

	IMP.	USA
TC-14E (1.4x)	499.95	539.95
TC-20E (2x)	549.95	594.95
TC-201 (2x)	259.95	299.95
TC-14A (1.4x)	264.95	299.95
TC-301 (2x)	529.95	629.95
TC-14B (1.4x)	529.95	624.95

MANUAL FOCUS CAMERAS

	IMP.	USA
FM-2	414.95	499.95
FM-2 Black	439.95	CALL
FM-10 w/35-70 & Case	224.95	239.95
FE-10 w/35-70 & Case	269.95	—
F-3 High Eye Point	CALL	

NIKON FINDERS

	IMP.	USA
DA-2 Action Finder (F3)	419.95	479.95
DW-3 Waist Level (F3)	99.95	119.95
DW-4 High Mag. Finder 6x (F3)	209.95	304.95
DE-3 High eyepoint (F3)	219.95	299.95
DR-3 Right angle	109.95	145.95
DG-2 2x magnifier	49.95	59.00
DW-20 Waist level (F4)	199.95	226.95
DW-30 Waist level (F5)	229.95	239.95
DA-20 Action finder (F4)	649.95	799.95
DA-30 Action finder (F5)	889.95	999.95
DP-20 Multi-meter (F4)	479.95	499.95
DP-30 Multi-meter (F5)	379.95	419.95
DW-21 High Mag. 6x (F4)	359.95	399.95
DW-31 High Mag. 6x (F5)	349.95	399.95

FINDER ACCESSORIES

Focusing Screens for 8008s, N90s, F3.....28.95
f/FM-2, FE-2, FA.....23.50
"B" Screen f/2020..19.95 "K" Screen (F2) 24.95
Focusing Screens f/F4..39.95 Diopters..16.95

BEATTIE SCREENS

8008, 8008s, N90, N90s.....69.95
F2.....87.95 F3.....84.95
F4, F4s.....92.95 FE2, FM2.....64.95

NIKON FILTERS

	39mm	52mm	62mm	72mm	77mm
L37C	22.95	23.95	33.95	54.95	64.95
L1BC	24.95	25.95	38.95	57.95	–
Color	24.95	23.95	34.95	44.95	59.95
ND	32.95	24.95	–	—	–
Soft Focus	–	56.95	79.95	99.95	–
Circ. Pola	–	64.95	94.95	124.95	144.95

	82mm	95mm	122mm
L37C	84.95	114.95	149.95

Color Y-48, O-56, R-60 95 or 122mm 99.95
Gel Holder AF-1 52ø....37.95 AF-2 72ø...59.95
CA-1 52mm Filter Pouch.....19.95

DATA BACKS

	IMP.	USA
MF-14 (F3)	199.95	214.95
MF-16 (FM2)	189.95	234.95
MF-18 (F3)	CALL	CALL
MF-19 (2020)	219.95	249.95
MF-22 (F4)	109.95	129.95
MF-23 (F4)	329.95	349.95
MF-25 (N90s)	CALL	CALL
MF-26 (N90s)	159.95	234.95
MF-27, MF-28 (F-5)	CALL	CALL
MF-4 250 Exp. Back (F3)	999.95	1139.95
250 Exposure Cassette	54.95	
Bulk Film Loader	249.95	

NPC POLAROID BACKS

FE2, FM2	749.95	F3	644.95
F3 w/MD-4	729.95	F4s	729.95
8008, 8008s	759.95	N90s	779.95
F-100			749.00

NIKON FLASH SYSTEM

	IMP.	USA
SB-14	CALL	CALL
SB-16A	299.95	CALL
SB-16B	284.95	CALL
SB-17	199.95	—
SB-21A	CALL	439.95
SB-22S	124.95	144.95
SB-23	109.95	121.95
SB-27	194.95	254.95
SB-28	CALL	CALL
NEW! SB-28DX	CALL	CALL
NEW! SB-29	419.95	CALL
Ikelite Lite-Link Slave Sensor #4099.2		99.95

NIKON FLASH ACCESSORIES

AS-1,3	27.95	AS-4	29.95
AS-5	29.95	AS-6	44.95
AS-7	74.95	AS-8	159.95
AS-9	109.95	AS-10,11	39.95
AS-12,14	249.95	AS-15	18.95
SC-12	139.95	SC-13	56.95
SC-14	56.95	SC-15	19.95
SC-17	54.95	SC-18	29.95
SC-19	39.95	SC-23	119.95
SC-24	59.95	SD-7	129.95
SD-8A	119.95	SK-6 IMP	239.95
SK-6 USA	264.95	SK-7	19.95
SU-4	74.95	UR-3	24.95

NIKON SCHOOL VIDEO TAPES

- N50 • N70 • N6006 • N90/N90s • N8008s
- PRONEA 6I • F4 • F5 • SB-25/26
- The Essence of Light.....Ea. 24.95

MOTOR DRIVE SYSTEM

SUPER SPECIAL!

- 1 MB-23 Battery Pack for F4s
- 2 MN-20 Nicad Packs for MB-23
- 1 MH-20 Nicad Charger f/MN-20

All For Only $199.95 (Over $350 Value)

	IMP.	USA
MD-4 f/F-3	329.95	479.95
MD-12 f/FM, FM-2, FE, FE-2, FA	299.95	394.95
MH-2 Charger f/MN-2	129.95	169.95
ML-2 Modulite Remote Control Set	329.95	344.95
ML-3 Mod. Cont. Set f/N90s	144.95	164.95
MW-2 Wireless Remote Control Set	1549.95	1649.95
MT-2 Intervalometer	599.95	
MC-20 Remote Cord w/Timer	94.95	104.95
MB-23 6-AA Batt. Pack f/F-4s	119.95	139.95
MH-20 Charger f/MN-20	69.95	99.95
DB-5 Cold Battery Pack f/8008s	79.95	99.95
DB-6 External Battery Pack	189.95	229.95
DB-2	59.95	
MB-21 Std. Batt. Pack f/F-4s	149.95	
MB-22 Ext. Power Regulator f/F-4s		79.95
MN-2 NiCad battery f/MD-4		109.95
MC-10 10' remote release		39.95
MC-11 10' remote release		39.95
MC-4A Remote cord with plugs		34.95
MC-22 Remote cord with plugs		49.95
MC-25 Adapter Cord		59.95
MC-26 Adapter Cord		49.95
MC-27 Adapter Cord		49.95
MC-30 Remote Cord		54.95
MC-12B remote release		49.95
MR-3 MD-4 release adapter		34.95
AH-3 Tripod mount adapter		29.95
MB-20 4-AA pack f/F-4s		49.95
MN-20 NiCad pack f/MB-23		79.95
Winder f/FE-2, FM-2, FA		59.95

MACRO SYSTEM

PN-11 Extension ring	96.95
PK-11A 8mm extension tube	59.95
PK-12 14mm extension tube	59.95
PK-13 27.5mm extension tube	62.95
PB-6 Bellows	234.95
PS-6 MTD slide adapter	129.95
PB-6D Bellows spacer	53.95
PB-6E Extension bellows	159.95
PB-6M Macro copy stand	44.95
AR-4, AR-7 Double cable release	42.95
AR-10 Double cable release	67.95
PG-2 Focusing stage	169.95
BR-2/2A Lens reversing ring 52	21.95
BR-3 Filter adapter ring	21.95
BR-5 62/52 adapter ring	21.95
BR-6 Auto diaphragm ring	54.95
52mm Close-up Lens #0, 1, 2, 3T, 4T, ea	29.95
52mm Close-up Kit #0, 1, 2,	59.95
62mm Close-up Lens #5T, 6T, ea	44.95

CASES AND STRAPS

CL-13 A	17.95	CL-30, 31, 34	26.95
CL-32, 33	32.95	CL-15, 35, 38, 41	34.95
CL-17, 36, 40	46.95	NS-1, NS-8	12.95
AN-1, AN-4B, AN-4Y, NS-5			14.95
AN-6 Y or AN-6 W			23.95
AH-4 SLR Leather Handgrip			44.95
CF-34 Camera/Lens Utility Case			89.95
CF-39L f/8008	39.95	CF-40 f/8008	39.95
CF-50	39.95	CS-15 Leather Soft Case F-3	54.95
CS-19			79.95

NIKON HOODS

HR-1,2	12.95	HB-1,3,4,5,6	16.95
HN-1, 2, 3, 9			14.95
HN-12, HK-2, 11, HS-12			24.95
HN-22, 23, 24			21.95
HS-7,9,10,11,14			23.95
HK-14, 15, 16			31.95
HB-7, 8, HN-13, HN-28			29.95
HN-26			32.95

ACCESSORIES

AC-2E Data Link System f/N90s	69.95
Photo Secretary N-90	179.95
Photo Secretary F-5	244.95
Vestrap M/L/X-L Tan or Green	94.95

	IMP.	USA
MB-10 Vertical Grip f/N90	134.95	144.95
NB-100 Nicad Batt. f/MB-10	54.95	
NB-100 Nicad Batt. w/NC-100 Charger f/MB-10	99.95	
NC-100 Charger f/Nicad NB-100	79.95	

VIDEO and PRO AUDIO

VISA · MasterCard · DISCOVER NOVUS · AMERICAN EXPRESS Cards

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

420 Ninth Ave.
(Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

Canon

QUICK DIAL 633

NEW! REBATES Effective 4/1/00

EOS-1N

- 5-point autofocus with choice of automatic or real-time focusing point selection
- Choice of 5 metering patterns from 16-zone evaluative to 2.3% fine spot metering
- 3 fps advance, 6 fps with power drive booster • 1/250 sec. flash sync • 1/8000 sec. shutter speed
- Enhanced triple-zone TTL flash sensor plus built-in flash exposure compensation control
- 14 custom functions including mirror lock
- Silent rewind

CALL

EOS 1N-RS .....CALL

EOS-3

- 45-point AF, 21-zone evaluative metering & eye controlled focus
- Ultra high speed predictive AF up to 7 fps with optional power drive booster PB-E2
- Sophisticated E-TTL flash exp. system with optional EX-series speedlites
- 18 custom functions incl. mirror lock and silent rewind
- Fully compatible with EF lenses and EOS speedlites

Body $1199.95

EOS A2/A2E

- 5-point autofocus
- Eye-controlled focus (A2E only)
- 5 fps motor drive with 3 shooting speeds, silent or high speed rewind
- Fast 1/8000 sec. shutter speed
- 11 exp. modes • Auto bracketing
- 3-metering patterns
- Auto zoom flash • 1/200 sync
- 16 custom function controls

A2.....CALL
A2E.....CALL

EOS ELAN II/IIE

- Built-in retractable flash 3 point autofocus • 11 custom functions
- Eye controlled focus works in horizontal & vertical (IIE only)
- 2.5 fps whisper motor drive
- 10 exposure modes
- E TTl evaluating flash metering w/380EX flash

CALL

EOS-IX KIT

- 3 AF modes plus manual
- Choice of 6 zone, center weighted or spot (6.5%) metering
- 5 auto exposure modes plus manual
- 5 image control programmed modes
- 3 mode TTL flash metering
- Reads & writes IX data
- Accepts EF lenses

Body $299.95

EOS-IX KIT with
- 24-85/3.5-4.5 USM lens ....**CALL**

EOS-IX LITE APS Body.....259.95

EOS REBEL 2000

- Single shot AF, AI servo AF or manual focus
- 7-point AF auto or manual select
- 10 auto exposure modes plus manual
- 35 zone evaluative metering
- Auto pop-up flash
- Depth of field preview
- Fully compatible with EF lenses and EOS speedlites

Body $259.95

EOS OUTFITS

IX Lite

EOS-IX Lite with 22-55/4-5.6 2-Touch Zoom lens
$349.95

Rebel 2000

Rebel 2000 with 28-80mm f/3.5-5.6 lens, wide strap and Battery
CALL

Elan II/IIE

Elan II/IIE w/28-80mm f/3.5-5.6 USM lens, wide strap and 6v battery
CALL

A-2

A-2 with 28-105mm f/3.5-4.5 USM lens, pro strap and 6v battery
CALL

A-2E

A-2E with 28-105mm f/3.5-4.5 USM lens, pro strap and 6v battery
CALL

NEW! CANON USA REBATES

28-80/3.5-5.6 V USM	129.95	Less $20 Rebate	Final Cost 109.95
28-135/3.5-5.6 IS USM	489.95	Less $25 Rebate	Final Cost 464.95
75-300/4.0-5.6 IS USM	499.95	Less $25 Rebate	Final Cost 474.95
300/4.0 L IS USM	1419.00	Less $75 Rebate	Final Cost 1344.00
17-35/2.8 L USM	1429.00	Less $100 Rebate	Final Cost 1329.00
28-70/2.8 L USM	1269.00	Less $100 Rebate	Final Cost 1169.00
70-200/2.8 L USM	1389.00	Less $100 Rebate	Final Cost 1289.00
70-200/4.0 L USM	899.00	Less $50 Rebate	Final Cost 849.00
100-400/4.5-5.6 L IS USM	1699.00	Less $50 Rebate	Final Cost 1649.00
550 EX Speedlite	CALL	Less $25 Rebate	Final Cost CALL

USA = Imported and warrantied by Canon USA
IMP. = Imported & warrantied by B&H
(not qualified for Canon USA Rebates and Warranties)

EOS EF LENSES

*After Rebate	IMP.	USA
15/2.8	609.95	709.95
20/2.8 USM (72ø)	429.95	499.95
24/2.8 (58ø)	319.95	359.95
28/2.8 (52ø)	184.95	219.95
28/1.8 USM (58ø)	424.95	459.95
35/2 (52ø)	249.95	299.95
50/1.8 (52ø)	79.95	84.95
50/1.4 USM (58ø)	329.95	369.95
85/1.8 USM (58ø)	339.95	384.95
50/2.5 Macro (52ø)	289.95	339.95
1:1 Life Size Converter /50 2.5	199.95	229.95
100/2.8 Macro (1:1) (52ø)	499.95	579.95
NEW! 100/2.8 USM Macro	CALL	730.00
100/2 USM (58ø)	419.95	484.95
135/2.8 Soft Focus (52ø)	339.95	369.95
20-35/3.5-4.5 USM (77ø)	389.95	409.95
22-55/4.0-5.6 USM (58ø)	129.95	CALL

	IMP.	USA
24-85/3.5-4.5 USM (67ø)	309.95	379.95
28-80/3.5-5.6 (58ø)	—	109.95
28-80/3.5-5.6 V USM (58ø)	109.95	*109.95
28-105/3.5-4.5 USM (58ø)	239.95	279.95
28-135/3.5-5.6 "IS" USM (72ø)	459.95	*464.95
35-80/4-5.6 USM (52ø)	99.95	119.95
35-80/4.0-5.6 III (52ø)	74.95	84.95
55-200/4.5-5.6 USM (52ø)	—	189.95
75-300/4.0-5.6 III (58ø)	159.95	184.95
75-300/4.0-5.6 III USM (58ø)	189.95	209.95
75-300/4.0-5.6 USM "IS" (58ø)	459.95	*474.95
80-200/4.5-5.6 II (52ø)	—	139.95
80-200/4.5-5.6 USM (52ø)	—	CALL
100-300 4.5-5.6 USM (58ø)	269.95	309.95
NEW! MP-E 65/2.8 1x-5x Macrophoto	—	1049.00

EF "L" LENSES w/Case & Hood

*After Rebate	IMP.	USA
14/2.8 USM	1999.95	2279.00
24/1.4 (77ø)	1249.95	1409.00
35/1.4 USM (72ø)	1259.95	1479.00
50/1.0 USM (72ø)	2249.95	2529.00
85/1.2 USM (72ø)	1529.95	1799.95
135/2.0 USM (52ø)	869.95	1019.00
180/3.5 Macro USM (72ø)	1289.95	1399.95
200/1.8 USM (48ø)	3699.95	4159.00
200/2.8 USM (72ø)	689.95	719.95
NEW! 300/2.8 IS USM	CALL	5399.00
300/4 USM (77ø)	799.95	999.95
300/4.0 IS USM (77ø)	1249.95	*1344.00
400/2.8 USM (48ø)	6799.00	6999.00
NEW! 400/2.8 IS	CALL	8699.95

	IMP.	USA
400/5.6 USM (77ø)	1074.95	1369.00
500/4.5 USM (48ø)	4899.95	5399.95
NEW! 500/4 IS USM (48ø)	CALL	7599.00
600/4 USM (48ø)	CALL	CALL
NEW! 600/4.0 IS	CALL	9899.95
17-35/2.8 USM (77ø)	1129.95	*1329.00
28-70/2.8 USM (77ø)	1049.95	*1169.00
35-350/3.5-5.6 USM (72ø)	1549.95	1869.00
70-200/2.8 USM (77ø)	1199.95	*1289.00
NEW! 70-200/4.0 USM (67ø)	769.95	*849.00
100-300/5.6 (58ø)	579.95	599.95
100-400/4.5-5.6 "IS" USM (77ø)	1569.00	*1649.00
Extender 1.4X APO	339.95	389.00
Extender 2X APO	274.95	309.95

MANUAL FOCUS

	IMP.	USA
24/3.5L Tilt-Shift (72ø)	1124.95	1309.00
45/2.8 Tilt-Shift (72ø)	1159.95	1309.00
90/2.8 Tilt-Shift (58ø)	1119.95	1249.95

EOS FLASH SYSTEM

	IMP.	USA
200E	—	54.95
220EX	119.95	129.95
380EX	149.95	169.95
540 EZ	259.95	309.00
550 EX	—	REBATE
480EG Grip Style Flash	489.95	509.95
Ikelite Lite-Link Slave Sensor #4098.2		99.95
Compact Battery Pack E		109.95
Transis Pack E		124.95
Transistor Pack w/Nicad Pack E		229.95
ST-E2 Transmitter		199.95
ML-3 Macro Ring light		269.95
TTL Hot Shoe adapter #3		59.95
TTL Distributor		44.95
Off Camera Shoe Adapter OA-2		27.95
Off Camera Shoe Cord 2		47.95
Connecting Cord 60		36.95
Connecting Cord 300		41.95

CASES

LH B24, C24	22.95
Canon Case f/EOS-1n	74.95
Canon EOS Case f/630-RT	39.95
Canon Case f/Elan II	49.95
Canon Case f/A-2, A-2E	49.95

FILTERS

	52mm	58mm	72mm	77mm
UV-Sky	10.95	11.95	27.95	34.95
ND Color	12.95	14.95	29.95	—
Cir. Pol.	59.95	69.95	84.95	99.95
Softmat	34.95	36.95	—	—
250D	69.00	82.95	—	—
450	49.95	—	—	—
500	34.95	39.95	59.95	69.95
500D	69.00	82.95	115.00	134.95

EOS ACCESSORIES

NPC Polaroid Back for 620/630	714.95
NPC Polaroid Back for RT	714.95
Extension Tube EF-12	69.95
Extension Tube EF-25	114.95
Close Up & Macro Photography (Book)	17.95
Macro Lens Mount FD to EOS	69.95
VG-10 V Grip	74.95
GR-20 Grip w/Remote Socket	29.95
GR-80 TP Grip	32.95
BP-5 Battery Pack F/A2-A2E	54.95
BP-8 Battery Pack F/Rebel G	29.95
BP-200 f/Rebel 2000	31.95
Diopters E	11.95
Diopters for Elan II	26.95
Diopters A2	26.95
Anti Fog Eyepiece	39.95
Focusing Screens 620/630/650/RT	ea. 19.95
Screens for A2/A2E	26.95
Beattie Screens for A2/A2E	74.95
Beattie Screens for 620/630/RT	64.95

EOS-1 & EOS-3 ACCESSORIES

NPC Polaroid Back f/EOS-1	719.95
NPC Polaroid Back f/EOS-1 w/Booster	769.95
NPC Polaroid Back f/EOS-3 w/Booster	764.95
Focusing Screen	29.95
Command Back E1	184.95
Battery Pack BP-E1	124.95
Power Drive Booster E1	279.95
Power Drive Booster BP-E2 f/EOS-3	399.95
Nicad Pack E-1 f/Booster	79.95
Nicad Pack NP-E2 f/BP-E2	139.95
Charger f/Nicad Pack E-1	254.95
Charger NC-E2 f/BP-E2	329.95
Strap For Booster or VG-10 Grip	21.95
EC-R Laser-Matte Screen	54.95

LENS HOODS

ES-62, ES-71-II, EW-60B, EW-60C	20.95
ET-60, ET-62-II, EW-65-II, ET-65-III	19.95
EW-54-II, EW-60-II, EW-62, EW-63-II	20.95
EW-68A,B, EW83-II	27.95
EW-75-II	38.95

MACRO & MOTOR DRIVES

Auto Bellows w/Cable Release	CALL
Duplicator 35-52 R Kit	99.95
Double Cable Release	29.95
20/3.5 Macro	179.95
35/2.8 Macro	209.95
Angle Finder B w/Adapter S	79.95
Angle Finder Adapter f/A2	17.95
Angle Finder Adapter f/A2E	17.95
Magnifier R or S	36.95
LC-4 Set	384.95
Winder for "A" Series	49.95
Remote Switch 60T3	34.95
Synchro Cord A	9.95

LENS HOODS

BT-52B	19.95
BW-58C	19.95

MANUAL FD LENSES

*w/Lens Hood

7.5/5.6 Fisheye	1099.95
15/2.8	849.95
17/4 (72ø)	429.95
24/2.0	569.95
35/2.0 (52ø)	429.95
35/2.8	119.95
35/2.8 Tilt Shift (58ø)	1199.95
50/3.5 Macro	399.95
135/2.8 (52ø)	119.95
*500/8.0 w/case & Filter (34ø)	299.95
50-135/3.5 (58ø)	199.95

"L" LENSES

300/4.0 L w/Filter (34ø)	1299.95
500/4.5 L (48ø)	4899.00
20-35/3.5 L w/BW-72 Hood (72ø)	1099.95

F1-N SYSTEM

NPC Polaroid Back	724.95
FN Focusing Screens AE	94.95
FN Focusing Screens AM, PM	ea. 94.95
Diopters "R" +3, -3, -4	10.95

B&H PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL: 800-947-9953 212-444-6653

OR FAX (24 HOURS): 800-947-7008 212-239-7770

ONE HOUR FREE PARKING AT 349 W. 34th STREET (with purchase of $100 or more)

On the Web: http://www.bhphotovideo.com

QUICK DIAL 633

PENTAX

PZ-1P

- Predictive AF
- 8 metering zones
- 6 exposure modes
- Power zoom lens control
- Built-in variable output TTL flash with 4 flash modes
- 1/8000 top shutter speed
- Up to 1/250 sec. flash sync
- All mode spot meter
- Panorama image mode
- 8 drive modes including exposure bracketing
- 4 fps film advance

Body Only **$499.95**

ZX-50

- Multi-segment metering
- Five picture modes
- Four exposure modes
- 1/2000 to 30 sec. shutter speed
- Predictive autofocus
- "Smart Flash" with red eye reduction
- Full information viewfinder
- Exposure compensation (+ or -3)
- Manual ISO override • Self timer

Body Only **$199.95**

ZX-5N

- 3-point AF system w/predictive AF
- 6 segment, center or spot metering
- 5 exposure modes
- 1/2000 sec. shutter speed
- 3-speed power zoom lens control
- 1.8 fps advance • Panorama mode
- Electronic preview • Auto bracketing (up to +/- 1EV) • Exposure memory lock
- Built-in flash w/TTL, manual & program modes

CALL

ZX-7

- Autofocus, or Manual Focus • Smart Mode, Apeture-Priority AE, Metered Manual and Bulb Modes • 6-segment multi-pattern metering • Pop-Up Flash (covers 28mm lens) • Built In Wireless Remote Controll • Exposure Comp.
- Exposure Memory Lock • Panorama Mode • Lighted LCD Panel

Body Only **CALL**

ZX-M

- Super compact manual focus SLR
- Manual or auto film speed setting
- Choice of metered manual, program, aperture priority or shutter priority exposure modes
- Multi-pattern metering
- Easy film loading • 2 fps film advance
- Electronic depth of field preview
- Exposure compensation, memory lock
- Electronic self timer

Body Only **$154.95**

ZX-M with 50/2.0 **$199.95**

ZX-M with 35-80A **$244.95**

PENTAX "FA" AUTO FOCUS LENSES

★ With Hood ◆ With case

20/2.8 (67ø)	539.95	24/2 AL (67ø)	399.95
28/2.8 (49ø)	239.95	43/1.9 FA (49ø)	449.95
50/1.7 (49ø)		139.95	
50/1.4 (49ø)		189.95	
*50/2.8 Macro (52ø)		354.95	
NEW! 77/2.8		699.95	
85/2.8 Soft Focus (52ø)		399.95	
**85/1.4 (67ø)		779.95	
*100/2.8 M (58ø)		559.95	
100/3.5 Macro (49ø)		199.95	
**200/2.8 ED (77ø)		1069.95	
*135/2.8 IF (52ø)		349.95	
**300/4.5 ED (67ø)		779.95	
400/5.6 EDIF FA (77ø)		1449.95	
20-35/4.0 AL (58ø)		474.95	
28-70/4.0 AL (52ø)		149.95	
*28-70/2.8 FA (67ø)		1079.95	
NEW! 28-80/3.5-5.6 (58ø)		129.95	
NEW! 28-105/4-5.6 (58ø)		259.95	
70-200/4-5.6 (49ø)		249.95	
**80-200/2.8 FA (77ø)		1674.95	
80-320/4.5-5.6 FA (58ø)		249.95	
100-300/4.5-5.6 (58ø)		249.95	

"F" AUTO FOCUS LENSES

Pentax 17-28/3.5-4.5 Fisheye Zoom	409.95	Pentax 80-200/4.7-5.6 F (49ø)	129.95
Pentax 35-80/4.0-5.6 F (49ø)	89.95	100-300/4.5-5.6 F (58ø)	184.95

"A" LENSES

50/2	56.95
Pentax 35-80 A 4.0-5.6 (49ø)	89.95
Pentax 80-200 A 4.7-5.6 (49ø)	114.95

FLASHES

AF-220T	49.95	AF-400T Kit	399.95
AF-330 FTZ	159.95	AF-201SA	39.95
AF-500-FTZ	284.95	AF-200SA	79.95
AF-140C Macro	379.95	AF-280T	154.95
TR-Power Pack II	119.95		

GENERAL ACCESSORIES

Winder for "M" Series Super Program	49.95	Magnifier F, FB	49.95
Cable Switch F	29.95	Auto Bellows A	324.95
AA Battery Pack f/ZX-5, ZX-10, ZX-M	19.95	Slide Copier A	119.95
5P Sync Cord	24.95	Macro Focus Rail III	154.95
F5PL Sync Cord	54.95	Auto Ext. Tube Set B	179.95
Hotshoe Adapter F	24.95	Data Back (Specify)	CALL
49 or 52 Circ. Polarizer	64.95	Beattie Screens f/PZ-1	69.95
58 Circular Polarizer	79.95		

QUICK DIAL 633

MINOLTA

MAXXUM 9

- Advanced viewfinder
- Newly developed acute matte screens • 5.5 fps motor wind
- High speed shutter down to 1/12000 sec. and flash sync speed of 1/300 sec.
- 4-segment flash metering and pre-flash metering
- 21 custom functions
- Mid reload of film to a certain frame number • Built-in flash
- Optional data memory back stores info on 2MB removable Smart Media card

Body Only **CALL**

QTsi

- Autofocus, Focus Lock, Predictive or Manual Focus
- Program Autoexposure
- 2-Segment TTL Metering
- Portrait, Landscape, Close-Up, Sport Action or Night Portrait Modes
- Accepts Minolta Maxxum Lenses
- Built-in Auto Pop-Up Flash With Red-Eye Reduction
- Single Frame or Continuous Film Advance

w/35-80 Lens **$299.95**

400si	219.95
400si w/35-70	289.95

HTsi PLUS

- 3-point crosscut autofocusing
- High speed 1/4000 sec. shutter
- 14-segment honeycomb pattern metering • Wireless off-camera TTL flash control
- Continuous film advance at 2 fps
- Full auto mode, subject program selection, plus aperture, shutter priority and manual exp. control

Body Only **$259.95**

XTsi

- 3-point crosscut autofocusing
- 14-segment honeycomb-pattern exposure metering
- 1/4000 sec. shutter speed
- 1/125 sec. flash sync
- Continuous film advance at 2 fps
- Eye-start automation
- Mid-roll panorama switchover

Body Only **$319.95**

XTsi w/28-80 Lens ..... **CALL**

800si

- World's most powerful, built-in zoom flash
- Continuous, predictive autofocusing with four AF sensors
- 14-segment honeycomb-pattern metering
- Built-in, intelligent card functions no C.E. Cards required
- Multiple memory function
- PC terminal for studio strobes

Body Only **$599.95**

X-700

- Choice of 3 exposure modes, full auto program, aperture priority or manual
- Programmed auto flash metering
- Auto exposure lock
- Slow shutter audible warning

Body Only **$234.95**

X-370s

- Aperture priority
- Auto exposure w/AE lock
- Metered manual exp. control
- TTL center-weighted metering

CALL

MINOLTA AF LENSES

★ With Hood ◆ With case

*16/2.8	849.95
20/2.8 (72ø)	549.95
24/2.8 (55ø)	359.95
28/2.0 (55ø)	549.95
28/2.8 (49ø)	204.95
*35/2.0 (55ø)	299.95
NEW! 35/1.4G	CALL
50/1.7 (49ø)	79.95
50/1.4 (49ø)	239.95
*85/1.4 (72ø)	669.95
*100/2.8 Soft Focus (55ø)	619.95
*500/8 Reflex	569.95
17-35/3.5 (77ø)	1599.95
20-35/3.5 (72ø)	479.95
**28-70/2.8 "i" (72ø)	1049.95
*24-85/3.5-4.5 "i" (62ø)	419.95
28-80/3.5-5.6 (62ø)	109.95
*28-105/3.5 4.5 (62ø)	319.95
35-70/3.5-4.5 (49ø)	69.95
*70-210/4.5-5.6 II (49ø)	129.95
*75-300/4.5 5.6 II (55ø)	179.95

APO LENSES

*200/2.8 APO w/Filter (72ø-CW)	899.95
**300/2.8 APO w/Filter	3999.00
**300/4.0 APO w/Filter	999.00
400/4.5 APO (42ø)	1899.95
**600/4 APO w/Filter	CALL
80-200/2.8 APO Super H.S. (72ø)	1249.95
*100-300/4.5-5.6 APO (55ø)	449.95
NEW! 100-400/4.5-6.7 APO (72ø)	699.95
*1.4X APO	374.95
*2X APO	399.95

MACRO LENSES

50/3.5 Macro (55ø)	224.95
50/2.8 (55ø)	374.95
100/2.8 (55ø)	599.95
AF 3X-1X Macro Zoom (GB 46ø)	1799.95

MOTOR DRIVES

MD-1	299.95
Auto Winder G	169.95

APS

S1 Body	169.95
S1 Body with 28-56 Kit	259.95
50-3.5 Macro (same as 35mm 62.5) (46ø)	249.95
22-80/4-5.6 (same as 35mm 28-100) (49ø)	259.95
25-150/4.5-6.3 (55ø)	279.95
28-56/4-5.6 (same as 35mm 35-70) (40.5ø)	84.95
56-170/4.5-5.6 (same as 35mm 70-210) (46ø)	129.95
80-240/4.5-5.6 (same as 35mm 100-300)	399.95
VP-1 Player	534.95

MANUAL MD LENSES

24/2.8 (49ø)	349.95	28/2.8 (49ø)	154.95
50/1.7 (49ø)	72.95	*135/2.8 (55ø)	154.95
28-70/3.5 (55ø)		119.95	
35-70/3.5-4.8 (55ø)		104.95	
70-210/4.5 (49ø)		171.95	
100-300/5.6-6.7 (55ø)		229.95	
*50 3.5 Macro w/tube & case (55ø)		329.95	
*100 4.0 Macro w/tube & case (55ø)		569.95	

FLASH SYSTEM

280 PX	124.95
Power Grip II Set (280/360 PX)	219.95

MAXXUM FLASH SYSTEM

2000 xi	69.95	5400 H.S.	279.95
3500 xi	149.95	SF-1 Flash	109.95
1200AF-N Macro Flash w/case	274.95		

ACCESSORIES

Bounce Reflector (280 PX, 4000 AF)	29.95
Bounce Reflector 3, 4 (5200)	34.95
TC-1000 Triple Connector	46.95
Off-Camera Shoe	36.95
EX Cable 37.95 OC Cable	29.95
OS-1100 36.95 OC-1100	33.95
AW-90 Winder f/9000	99.95
Program Back 90 f/9000	79.95

GENERAL ACCESSORIES

Flash Wireless Remote Control 9 xi	104.95	IR-In Set	199.95
RC1000S 36.95 RC-1000L	39.95	Diopters (AF) ea.	12.95
Diopters (MD) ea.	12.95	Panorama Head II	99.95
Expansion Cards (specify)	24.95	Focusing Screens (specify) ea.	21.95
NPC Polaroid Back f/7xi, 9xi	869.95	NPC Polaroid Back f/Maxxum 9	924.95
Winder for "X" Series	49.95		

FILTERS	49	55	62	72	77
Sky*/UV	19.95*	22.95	39.95	44.95	54.95
Circ. Pol.	44.95	49.95	74.95	99.00	119.95

CASES AND STRAPS

Case for X-370, X-700	19.95
CH-5L for X-370, X-700	24.95
LH-1011, LH-1031, LH-1032	14.95
LH-1034, LH-1044, LH-1052	14.95

CLOSE UP & MACRO

Angle Finder VN	109.95
Magnifier VN	44.95
Close-up Lens 49mm or 55mm	29.95
Copy Stand III	209.95
Macro Stand 1000	199.95
Slide Copy Unit 1000	229.95

VIDEO and PRO AUDIO

VISA · MasterCard · DISCOVER NOVUS · AMERICAN EXPRESS Cards

TO INQUIRE ABOUT YOUR ORDER:
800 221-5743 • 212 239-7765
OR **FAX** 24 HOURS:
800 947-2215 • 212 239-7549

420 Ninth Ave.
(Bet. 33rd & 34th St.)
New York, N.Y. 10001

B&H
PHOTO - VIDEO - PRO AUDIO

QUICK DIAL 633

OLYMPUS®

OM-3Ti

- Titanium body • Manual, TTL OTF flash exp. • Center weighted, multi spot & spot metering • 1 sec. to 1/2000 sec. + bulb shutter speeds • 1/60 sec. sync speed
- built-in diopter correction
- Interchangeable screens

Body **$1500.00**

OM-4Ti

- Black-clad titanium body
- Interchangeable screens
- Spot or center weighted metering
- 1/2000 sec. electronic shutter
- Off the film metering in auto & flash

Body **$1149.95**

OM-2000

- OM-2000 body

$159.95

- OM-2000 body
- 35-70 f3.5-4.8 lens
- Case

$229.95

MANUAL FOCUS

Case f/OM-4T	19.95
Most OM Focusing Screens	39.95
Beattie Screens	69.95

MOTOR DRIVE & BACKS

Winder 2	189.95	Motor Drive 2	449.95
Winder f/OM1			46.95
Nicad & Charger			269.95
Databack 4			184.95
NPC Pol. Back			934.95

FILTERS

49mm UV, Sky	19.95	55mm	25.95
49mm Circular Polarizer	64.95	55mm	74.95

ZUIKO LENSES

	★ With Hood	◆ With case
	** 16/3.5 1159.95	** 100/2.8 (49ø) 319.95
	* 18/3.5 (72ø) 1059.95	** 180/2.8 (72ø) 1069.95
	* 21/2.0 (55ø) 949.95	** 200/4 (55ø) 359.95
	* 21/3.5 (49ø) 529.95	** 300/4.5 (72ø) 729.95
	* 24/2.0 (55ø) 719.95	** 500/8 (72ø) 699.95
	** 24/2.8 (49ø) 379.95	600/6.5 (100ø) 2299.95
	** 28/2.0 (49ø) 719.95	* 24/3.5 Shift 1949.95
	** 28/2.8 (49ø) 239.95	* 35/2.8 Shift 899.95
	** 35/2.0 (55ø) 369.95	35-70/3.5-4.8 (67ø) 79.95
	* 35/2.8 (49ø) 269.95	* 35-80/2.8 1199.95
	50/1.8 (49ø) 119.95	70-210/
	50/1.2 (49ø) 429.95	4.5-5.6 (58ø) 124.95
	* 85/2 (49ø) 429.95	1.4 X-A 499.95
	** 100/2 (55ø) 659.95	2X-A 369.95

MACRO/COPY SYSTEMS

	*w/case		
*20/2	569.95	*38/2.8 (49ø)	569.95
*50/2.0 (55ø)	569.95	*50/3.5 (49ø)	489.95
*80/4.0 (49ø)	749.95	*90/2.0 (55ø)	939.95
135/4.5 w/ Lens Hood (49ø)			749.95
Telescopic Auto Tube 65-116			269.95
Auto Bellows	274.95	Slide Copier	129.95
Double Cable Release			34.95
Auto Tube 7	64.95	Auto Tube 14	69.95
Auto Tube 25			74.95
49mm Close Up Lens			34.95
55mm Close Up Lens			44.95
80mm Macro Close Up			89.95
Varimagni Finder			149.95
Focusing Rail	109.95	Focusing Stage	69.95

FLASH SYSTEM

S-20 Flash	49.95	T-20 w/c	99.95
T-32 w/c	194.95	F280 Syn. Flash	199.95
Power Bounce Grip II			199.95
Wide Adap. & ND Set (T-32)			29.95
Zoom Adapter (T-32)			49.95
Color Filter Set (T-32)			34.95

TTL Auto Connector (Type 3)	24.95
TTL Multi Connector	49.95
0.6m "F" TTL cord	37.95
0.1 m, 0.15m, 0.3m, 0.6m	29.95
2 Meter 39.95 5 Meter	49.95
Acc. Shoe 1, 2, 3, 4 (Specify)	24.95

T-8 Ring Flash 2	259.95
T-10 Ring Flash	209.95
T-28 Macro Single Flash 1	109.95
T-28 Macro Twin Flash	199.95
Macro Flash Shoe Ring	59.95
T-Power Control 319.95 6V Power Pack 2	74.95

No-Fault-Passport Protection Plan. 3 Year Warranty.

Leica

NEW! $150 REBATES ON M6 TTL BODIES (Excluding Special Editions) Valid 4-1-00

M6 TTL Body **$1995.00**

M6 TTL Body with Higher Viewfingder magnification **$2095.00**

M6 Titanium $2295.00

NEW! $150 REBATES ON R8 & R6-2 BODIES Valid 4-1-00

R8 Body **$1995.00**

R6-2 Body **$1995.00**

M LENSES

$150 REBATE On All M Lenses

	Black	Chrome
21/2.8 Aspherical (55ø)	2295.00	2395.00
24/2.8 Aspherical (55ø)	1995.00	2095.00
28/2.8 (46ø)	1895.00	—
35/1.4 Aspherical (46ø)	2595.00	2695.00
35/1.4 Asph. Titanium (46ø)	2795.00	
35/2.0 Aspherical (39ø)	1595.00	1695.00
50/1.0 #11822	2895.00	—
50/1.4 (46ø)	1895.00	1995.00
50/1.4 Titanium (46ø)	2095.00	
50/2.0 (39ø)	995.00	1095.00
50/2.8 (39ø)	945.00	1095.00
75/1.4 (60ø)	2795.00	—
90/2.0 APO Asph.(55ø)	1995.00	—
90/2.8 (46ø)	1245.00	1345.00
90/2.8 Titanium (46ø)	1395.00	
135/3.4 APO (49ø)	1995.00	—
28-35-50/4.0 Asph. (55ø)	2495.00	—
28-35-5.0/4.0 Asph. Silver	2595.00	
SF-20 Flash	229.95	

R LENSES

$150 REBATE On All R Lenses

w/"ROM" Contacts for R-8

16/2.8	2595.00	19/2.8	2995.00
24/2.8 Series 8	2195.00	28/2.8 (55ø)	1895.00
35/2 (55ø)	1895.00	35/1.4 (67ø)	2895.00
50/2 (55ø)			945.00
50/1.4 (55ø)			2095.00
60/2.8m (55ø)	1895.00	80/1.4 (67ø)	2995.00
100/2.8 APO (60ø)			2795.00
180/2.8 APO (67ø)			3395.00
28-70/3.4-4.5 (60ø)			1195.00
35-70/4.0 (60ø)			1195.00
35-70/2.8 Asph. (77ø)			3295.00
70-180/2.8 Vario-APO Elmarit (77ø)			5395.00
80-200/4 (60ø)			1995.00
105-280/4.2 Vario Elmar (77ø)			5295.00
1.4x APO	1295.00	2x "APO" New	1645.00
NPC Pol. Back	899.00	Beattie Screens	64.95
NPC Polaroid Back f/R-8			994.95

We stock Cases, Winders, Finders, Motor Drives, Grips, Close-Up, Filters etc.

CONTAX / YASHICA

REBATES

RX

- Digital focus indication
- Center or spot metering
- AP, SP, program and manual exposure modes
- Auto bracketing
- 3 fps motor drive
- Up to 1/4000 sec. top shutter speed
- 1/125 x sync • 2nd curtain sync
- Multiple exposure
- TTL auto set flash w/TLA 360
- 9 custom functions
- Built-in databack

Body Only **$999.00**

RTS III

- Center or spot metering
- Vacuum ceramic film back
- Aprox. 100% field of view
- AP, SP or manual exposure modes
- Auto bracketing • 5 fps motor drive
- Up to 1/8000 sec. shutter speed
- 1/125 or 1/250 x sync
- Multiple exposure • Mirror up
- TTL & spot pre flash
- Built-in databack

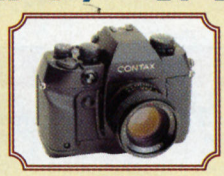
Body Only **$1999.00**

REBATE Purchase a new Contax Aria AND any new Carl Zeiss T* lens (excluding 50mm f/1.7), receive from Contax a **$100** Rebate.

Aria

- Smallest, lightest Contax manual focus SLR
- 5-zone evaluative, TTL center-weighted or spot metering
- Aperture priority, shutter priority, programmed, manual, TTL automatic flash, manual flash exposure control
- TTL flash metering
- 95% bright viewfinder coverage

Body Only **$589.00**



AX

- Auto back focus system
- Single frame or continuous predictive autofocus
- Center or spot metering
- AP, SP, program or manual
- Up to 1/6000 sec. shutter speed
- 8 custom functions

Body Only **$1299.00**

TVS II/TVS II

- Auto or Manual Focus 1.6' to Infinity
- Auto Flash, Fill Flash, Flash Off, Red-Eye Reduction
- Program AE, Aperture Priority f/3.5-16
- Exposure Compensation
- 4.8x2.6x1.6"
- 13.2 oz.

TVS II	1099.00
TVS III Silver	1049.00
TVS III Black	1075.00

Yashica FX3 Super 2000

- Yashica/Contax Mount
- Manual Exposure Modes
- Center Weighted Metering
- 1 sec. to 1/2000 sec. Shutter Speed + Bulb
- 1/125 sec. Sync
- Manual Film Wind
- Interchangeable Diopters
- LED Exposure Meter
- Filter Diameter 49mm

$149.95

with 50/1.9 lens 194.95

ZEISS T* LENSES FOR G1/G2

16/8 Hologon with Viewfinder Included	2600.00
Less $100 Instant Rebate	Final 2500.00
21/2.8 Biogon with Viewfinder (55ø)	1249.00
Less $100 Instant Rebate	Final 1149.00
28/2.8 Biogon (46ø)	549.00
Less $100 Instant Rebate	Final 449.00
35/2 Planar (46ø)	499.00
Less $100 Instant Rebate	Final 399.00
45/2 Planar (46ø)	349.00
Less $100 Instant Rebate	Final 249.00
90/2.8 Sonnar (46ø)	549.00
Less $100 Instant Rebate	Final 449.00
NEW! 35-70/3.5-5.6 Vario-Sonnar	999.00

TLA FLASHES & ACCESSORIES

360 Flash	CALL	480 Flash	CALL
140 G Flash	159.95	200 G Flash	299.00

NEW G1 PROMOTION

Purchase the G1 with 35/2 Standard G Lens with TLA-140 Flash

Special! $799.95

G2 REBATE

Purchase the G2 with 45/2 Standard G Lens

Regular Price $1899

Less $500 Instant Rebate

Your Final Cost $1399.00

ZEISS MM LENSES W/CASE

18/4 (86ø)	CALL	25/2.8 (55ø)	CALL
28/2.8 (55ø)	CALL	35/1.4 (67ø)	CALL
35/2.8 (55ø)	CALL	45/2.8 (55ø)	CALL
*50/1.4 (55ø)	CALL	*50/1.7 (55ø)	CALL
85/1.4 (67ø)	CALL	85/2.8 (55ø)	CALL
100/2 (67ø)	CALL	135/2.8 (55ø)	CALL
180/2.8 (72ø)	CALL	300/4 (82ø)	CALL
500/8 (82ø)			CALL
28-70/3.5-4.5 (67ø)			CALL
28-85/3.3-4 (82ø)	CALL	35-70/3.4 (67ø)	CALL
35-135/3.5-4.5(82ø)	CALL	80-200/4 (55ø)	CALL
60/2.8 Macro (55ø)			CALL
2X Mutar I or II			CALL
1.4X Mutar III			CALL
NPC Polaroid Back for RTS III			1099.00
Beattie Screens for RTS III			64.95

*w/o Case

YASHICA

EZ View AF Q.D. 30/5.6	54.95
Zoomate 70 Date 38-70/5.2-9.1	89.95
EZS Zoom 70 Date 38-70/5.2-9.2	99.95
Zoomate 80 38-80/4.9-9.4	99.95
Microtec Zoom 70 Date Outfit 35-70/4.5-8.3	119.95
Zoomate 115 38-115/5.5-12.2	154.95
EZS Zoom 105 38-105/5.2-10.5	159.95
Microtec Zoom 120 38-120/3.8-8.8	179.95
Zoomate 140 38-140/6.2-11.7	189.95
Dental Eye III	CALL
Mirror for Dental Eye	164.95
35-70/3.5-4.5 MC (52ø)	89.95
28-80/3.9-4.9 MC (58ø)	109.95
75-200/4.5 Macro MC (55ø)	104.95

B&H PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL: 800-947-9953 212-444-6653

OR FAX (24 HOURS): 800-947-7008 212-239-7770

MOST ORDERS SHIPPED WITHIN 24 HOURS
OVERNIGHT SERVICE AVAILABLE

On the Web: http://www.bhphotovideo.com

35mm MANUAL AND AUTO FOCUS LENSES

QUICK DIAL 633

SIGMA

Perfecting the way photographers work
PRO LENSES, CAMERAS AND FLASHES

MACRO • EXTRA WIDE • ULTRA TELE

Compare features... Compare values... Sigma delivers!

BUYING CAMERAS MAGAZINE BEST BUY

ASPHERICAL
14mm f/2.8
Ultra Wide
- Ultra quiet hyper sonic motor
- F-stop range: 2.8-22
- Minimum focus: 7.1"
- Magnification: 1: 5.2
- Angle of view: 114.2
- 12G, 14E
- Gelatin filter holder slot
- 3.3 x 3.2". 23.1 oz.

MACRO
50mm f/2.8 Ex Macro
105mm f/2.8 Ex Macro
- 1:1 macro without accessories
- Minimum aperture f/45 for Nikon, Pentax
- Focus limiter f/faster AF
- Outstanding optical performance
- Fully "D" function for Nikon AF
- Non-rotating front barrel

ASPHERICAL
28-105mm
f/2.8 ~ 4 ASP
- Fast max aperture
- Internal focusing
- Non-rotating front barrel
- Close focusing at all zoom settings
- Aspherical elements

ASPHERICAL
28-200mm
f/3.5-5.6 DL
Hyperzoom Macro
- Incorporates 1 aspherical lens in the rear group and 1 special low dispersion glass element in the front lens group
- Focus as close as 19.7 inches (50cm) from film plane to subject, at all focal lengths

70-300mm
f/4-5.6 DL
Macro Super
- Telemacro zoom lens capable of focusing down to 1:2 reproduction ratio at 300mm focal length with superb optical quality
- 1-SLD glass element
- Lead and arsenic free ecological glass

NEW HOT ITEMS!

17-35mm f/2.8-4 Zoom
- Available In Nikon, Canon, Minolta, Pentax and Sigma SA Mounts
- Aspherical Element
- F-Stop Range: 2.8-32
- Minimum Focus: 19.7"
- Magnification: 1:11.5
- Angle of View: 103.7-63.4°
- Filt. Size: 82mm • 3.3 x 3.5" • 14.1 oz.

70-300mm f/4-5.6 APO
Macro Super
- APO chromatic tele zoom lens incorporating 2 special low dispersion glass elements in the front lens group, plus 1 special low dispersion glass element in the rear lens group - total SLD glass elements.

EF-430 ST

EF-430 ST Electronic Flash
***Best Choice**
- Up to guide number 43/142
- Auto Zoom Head sets best illumination angle
- Automatic TTL light controls
- Tilt head
- Built in AF assist
- Two-step manual flash

*Photo Answers (Mar. 98)

"ALL IN ONE" PRO LENSES

SPECIALTY PRO LENSES

	MANUAL FOCUS	MAXXUM "I"	SIGMA-SA	EOS	NIKON AF	PENTAX AF
8/4.0 Fisheye	739.00	739.00	739.00	739.00	739.00	739.00
14/2.8	—	879.00	879.00	879.00	879.00	879.00
15/2.8	479.00	479.00	479.00	479.00	479.00	479.00
24/2.8 (52ø)	189.00	189.00	189.00	189.00	189.00	189.00
28/1.8 Aspherical II (58ø)	189.00	189.00	189.00	189.00	*189.00	189.00
50/2.8 EX Macro 1:1 (55ø)	—	259.00	259.00	259.00	*259.00	259.00
105/2.8 EX Macro 1:1 (58ø)	—	389.00	389.00	389.00	*389.00	389.00
NEW! 180/3.5 EX APO IF Macro 1:1	—	—	—	799.95	799.95	—
300/2.8 EX APO**	—	2939.00	2939.00	2939.00	2939.00	2939.00
500/4.5 EX APO**	—	3619.00	3619.00	3619.00	3619.00	3619.00
600/8 Manual Included	379.00	419.00	419.00	419.00	419.00	419.00
NEW! 800/5.6 EX HSM	—	—	—	6269.00	6269.00	—

"ALL-IN-ONE" ZOOM LENSES

17-35/2.8-4.0 Aspherical** (82ø)	—	529.00	529.00	529.00	*529.00	529.00
24-70/3.5-5.6 Aspherical (55ø)	159.00	159.00	159.00	159.00	*159.00	159.00
28-70/2.8 EX (77ø)	—	369.00	369.00	369.00	*369.00	369.00
28-70/2.8-4.0 (55ø)	129.00	139.00	139.00	139.00	*139.00	139.00
28-80/3.5-5.6 ASP-Macro (55ø)	—	89.00	89.00	89.00	*89.00	89.00
28-105/4.0-5.6 UC II (58ø)	—	139.00	139.00	139.00	*139.00	139.00
28-105/2.8-4.0 Aspherical (72ø)	—	219.00	219.00	219.00	*219.00	219.00
28-200/3.5-5.6 Asph. IF (72ø)	—	239.00	239.00	239.00	*239.00	239.00
NEW! 28-300/3.5-6.3 Asph. IF	—	399.00	399.00	399.00	*399.00	399.00
NEW! 50-500/4-6.3 APO EX RF-HSM	—	999.95	999.95	999.95	999.95	999.95
70-210/4.0-5.6 II (55ø)	129.00	129.00	129.00	129.00	*129.00	129.00
70-300/4.0-5.6 DL Macro Super (58ø)	—	199.00	199.00	199.00	*199.00	199.00
100-300/4.0-6.7 UC (55ø)	139.00	139.00	139.00	139.00	*139.00	139.00

"ALL-IN-ONE" APO/APO MACRO LENSES

*Buying Cameras Magazine

NEW! 180/3.5	—	799.00	799.00	799.00	*799.00	799.00
300/4.0 APO Macro (72ø)	—	689.00	689.00	689.00	*689.00	689.00
400/5.6 APO Macro (77ø)	719.00	719.00	—	—	*719.00	719.00
400/5.6 APO Macro "HSM" (77ø)	—	—	799.00	799.00	—	—
70-200/2.8 APO (77ø)	—	879.00	—	—	—	879.00
70-200/2.8 APO HSM (77ø)	—	—	879.00	879.00	*879.00	—
70-300/4.0-5.6 APO Macro Super (58ø)	—	319.00	319.00	319.00	*319.00	319.00
135-400/4.5-5.6 APO Aspherical (77ø)	—	549.00	549.00	549.00	*549.00	549.00
170-500/5.0-6.3 APO Aspherical (86Cø)	—	669.00	669.00	669.00	*669.00	669.00
1.4x APO	—	159.00	159.00	159.00	*159.00	159.00
2x APO	—	189.00	189.00	189.00	*189.00	189.00

**Sigma, EOS — HSM
* D Type

B&H LENS SPECIALS

Sigma 14/3.5 CFD, MD, PK, SA	549.95	Sigma 28-70/3.5-4.5 "UC" NAI	79.95
Sigma 90/2.8 CFD, Y/C	299.95	Sigma 28-200/3.8-5.6 PEN AF, SA Maxx	189.95
Sigma 400/5.6 APO NAI	399.95	Tamron Close Up Lens f/28-200	19.95
Sigma 500/7.2 APO CFD, NAI	479.95	Tokina Close-Up f/35-300	24.95
Sigma 18-35/3.5-4.5 PK, MAXX	379.95	Vivitar 70-210/2.8-4 APO CFD, NAI	179.95

Vivitar

MANUAL FOCUS LENSES

19/3.8 (62ø)	109.95	24/2.8 (52ø)	79.95
28/2.8 (49ø)	59.95	500/8 Included	104.95
19-35/3.5-4.5 (77ø)	147.95	28-80/3.5-5.6 (58ø)	99.95
28-105/2.8 Macro (72ø)	149.95	28-105/2.8-3.8 Series 1 (72ø)	179.95
2x Converter w/case	49.95	Macro Focus 2x Conv. w/case	119.95
Auto Ext. Tube Set w/case	94.95		

	MANUAL FOCUS	MAXXUM	EOS	NIKON AF
100/3.5 Macro (49ø)	114.95	119.95	119.95	119.95
28-210/3.5-5.6 (72ø)	149.95	—	—	—
100-300/5.6-6.7 (55ø)	109.95	114.95	114.95	114.95
SERIES 1 AF LENSES				
19-35/3.5-4.5 Ultra Wide Focus (77ø)	—	139.95	149.95	139.95
28-210/4.2-6.5 Zoom (67ø)	—	179.95	179.95	179.95
28-300/4.0-6.3 Macro Zoom (77ø)	—	189.95	199.95	189.95
70-300/4.5-5.6	—	139.95	139.95	139.95
100-400/4.5-6.7 (67ø)	—	204.95	204.95	204.95

NEW! TAMRON REBATES

	Reg.	Rebate	Final Cost
14/2.8 AF	1099.00	$100	999.00
90/2.8 Macro	449.00	$50	399.00
300/2.8 LD	—	$100	—
20-40/2.7-3.5	689.00	$100	589.00
28-80/3.5-5.6	114.00	$20	94.00
28-105/4.0-5.6	164.00	$20	144.00
28-105/2.8	829.00	$100	729.00
28-200/3.8-5.6 "Super"	299.00	$50	249.00
28-300/3.5-6.3	499.00	$50	449.00
70-210/2.8 LD	929.00	$50	879.00
70-300/4.0-5.6 LD	229.00	$30	199.00
80-210/4.5-5.6	124.00	$20	104.00
100-300/5.0-6.3	174.00	$20	15400
200-400/5.6	559.00	$100	459.00

	MANUAL FOCUS	MAXXUM	EOS	NIKON AF	PENTAX AF
14/2.8 AF	—	**999.00	**999.00	**999.00	**999.00
17/3.5 (82ø)	399.00	—	—	—	—
24/2.5 (55ø)	269.00	—	—	—	—
90/2.8 Macro (55ø)	449.00	**399.00	**399.00	**399.00*	**399.00
300/2.8 LD	2368.00	**2618.00	**2896.00	**2618.00	—
500/8 (82ø-CW)	399.00	—	—	—	—
20-40/2.7-3.5 (77ø)	—	**589.00	**589.00	**589.00*	—
24-70/3.3-5.6 (62ø)	—	189.00	189.00	189.00	—
28-70/3.5-4.5 (52ø)	169.00	—	—	—	—
28-80/3.5-5.6 (58ø)	—	**94.00	**94.00	**94.00*	**94.00
28-105/4.0-5.6 IF (62ø)	—	**144.00	**144.00	**144.00*	**144.00
28-105/2.8 (82ø)	869.00	**729.00	** 729.00	** 729.00*	—
28-200/3.8-5.6 LD Asph. Super (72ø)	299.00	**249.00	**249.00	**249.00*	**249.00
28-300/3.5-6.3 (72ø)	—	**449.00	**449.00	**449.00*	**449.00
60-300/3.8-5.4 Macro w/Hd (62ø)	379.00	—	—	—	—
70-210/4-5.6 (3") (52ø)	173.00	—	—	—	—
70-210/3.5 Macro (62ø)	374.00	—	—	—	—
70-210/2.8 LD (77ø)	—	**879.00	**879.00	**879.00*	—
70-300/4.0-5.6 LD (58ø)	—	**199.00	**199.00	**199.00*	**199.00
80-210/4.5-5.6 (52ø)	—	**104.00	**104.00	**104.00*	—
100-300/5.0-6.3 (55ø)	—	**154.00	**154.00	**154.00*	**154.00
200-400/5.6 AF (77ø)	—	**459.00	**459.00	**459.00*	—
2x Flat-Field Converter	169.00	141.00	141.00	141.00*	141.00
NEW! SP 2X AF Pro Converter	—	195.00	195.00	195.00*	195.00
1.4x Converter SP	—	118.00	118.00	118.00*	118.00
NEW! SP 1.4 AF Pro Converter	—	173.00	173.00	173.00*	173.00
Adaptall Mounts (Ex. Leica R)	34.95	—	—	—	—
Adaptall Mount Leica R-4	59.95	—	—	—	—

** Price reflects after Rebate
* D Type

NEW Tokina REBATES

	Reg.	Rebate	Final Cost
17/3.5 Pro ATX	449.00	$30	419.00
20-35/2.8 Pro ATX	749.00	$60	689.00
28-70/2.6-2.8 Pro II	469.00	$40	429.00
80-200/2.8 Pro ATX	819.00	$60	759.00
80-400/4.5-5.6 ATX	589.00	$50	539.00

	MANUAL FOCUS	MAXXUM	EOS	NIKON AF	PENTAX AF
17/3.5 (67ø)	229.95	—	—	—	—
17/3.5 "Pro" ATX (77ø)	—	**419.00	**419.00	**419.00	—
28/2.8 (49ø)	84.95	—	—	—	—
100/2.8 ATX Macro (55ø)	—	379.00	379.00	379.00	—
300/2.8 "Pro" ATX	—	2299.00	2299.00	2299.00	—
400/5.6 ATX-APO (72ø)	—	399.95	399.95	—	—
NEW! 19-35/3.5-4.5 (77ø)	—	229.95	229.95	229.95	—
20-35/3.5-4.5 II (77ø)	—	279.95	279.95	279.95	279.95
20-35/2.8 ATX Pro Asph. (77ø)	—	**689.00	**689.00	**689.00*	**689.00
28-70/3.5-4.5 SZX Macro (52ø)	134.95	—	—	—	—
28-70/2.6-2.8 "Pro" II (77ø)	—	**429.00	**429.00	**429.00*	**429.00
28-105/3.5-4.8 SZX (62ø)	189.95	—	—	—	—
NEW! 28-105/3.5-4.5 (62ø)	—	189.00	189.00	189.00	189.00
28-200/3.5-5.3 SZX Macro (72ø)	199.95	—	—	—	—
28-210/3.5-5.6 (72ø)	—	144.95	144.95	144.95	—
28-300/4.0-6.3 (77ø)	—	219.95	219.95	—	—
35-300/4.5-6.7 (72ø)	—	229.95	229.95	229.95*	229.95
70-210/4-5.6 (3.4") "N" SZX Macro	134.95	—	—	—	—
80-200/2.8 ATX "PRO" (77ø)	—	**759.00	**759.00	**759.00	**759.00
80-400/4.5-5.6 ATX (72ø)	—	**539.00	**539.00	**539.00	**539.00
100-300/5.6-6.7 (55ø)	—	129.95	129.95	129.95	—
100-300/4 ATX APO II (77ø)	—	849.00	849.00	849.00	—
100-400/4.5-6.7 (67ø)	—	229.95	229.95	229.95	—
150-500/5.6 ATX APO (95ø)	1049.95	—	—	—	—
2x 7 Element Converter	89.95	119.00	119.95	119.95	119.95

** Price reflects after Rebate
* D Type

EQUIPMENT CASES AND CAMERA BAGS

zing DESIGNS

For cameras with the following lenses

	Standard	Large
35mm w/o Harness	29.95	29.95
35mm w/Harness	29.95	29.95
Universal SLR	29.95	29.95
Zoom	29.95	29.95
Pro SLR or Pro Zoom SLR Cover.....ea.	34.95	

LENS POUCH - Black, Purple, Blue
Small....9.95 Medium....10.95 Large..13.95

CAMERA & PERSONAL BAGS Specify Colors
Small.....9.95 Medium.....12.95
Standard Strap...12.95 Action Strap.....9.95

QUICK DIAL 633 — Billingham

CANVAS SYSTEM
SMALL
Photo Hedley...159.95
Alice Bag.....159.95
Series 3.....192.95
MEDIUM
#206.....249.95
#225.....274.95
#335.....294.95
Photo Packington..234.95
LARGE
Photo Hedley...169.00
#445.....339.95
#550.....394.95

NYTEX SYSTEM
Series 3 Plus....192.95
#335.....299.95
#445.....339.95
#550.....394.95
PHOTO RUCKSACKS
#25.....239.95
AG Torso Shell..494.95
STOWAWAYS
#102 Canvas.....44.95
Compact.....104.95
Airline.....107.95
Polo.....109.95
Other Bags, In Stock

Lowepro

Nova Series
Black, Gray, Green, Navy
Nova 1 ..32.95 Nova 2 ..36.95 Nova 3 .....39.95
Nova 4.....49.95 Nova 5.....53.95
Nova Mini.....28.95 Nova Micro.....24.95

Trekking Series
Orion Mini.....31.95 Orion.....46.95
Orion AW.....122.95 Photo Runner.....43.95
Off Road.....72.95 Off Trail.....37.95
Off Trail 2.....62.95 Photo Trekker..152.95
Super Trekker...389.95 Orion Trekker.....60.95
Pro Trekker.....319.95 Mini Trekker.....99.95
Trim Trekker.....110.95 Photo Trekker AW 229.95
Nature Trekker..189.95 Lens Trekker 600 AW 119.95
NEW! Stealth AW.....189.95

Trekking Series Accessories
Tote.....54.95 Daypack.....49.95
Belt Pack.....29.95 Accessory Kit.....74.95
Film Pack.....7.95 Reflector.....9.95

Professional AW Series
Black, Gray, Green
Top Load Zoom AW.....49.95
Mini Mag AW.....85.95
Elite AW.....106.95
Rover AW Kit.....168.95
Compact AW.....126.95
Magnum AW.....161.95
Pro Mag-1.....108.95 Pro Mag-2.....119.95
Medium Format Magnum AW.....163.95
Medium Format Commercial AW.....216.95
Commercial AW..191.95 Pro Roller 1.....239.95
Pro Roller 2.....279.95 Rover Light.....112.95
Pacsafe for Back Pack or Shoulder Bag.....39.95

Omni Series
Omni Sport.....48.95 w/Extreme..111.95
Omni Traveler.....85.95 w/Extreme..154.95
Omni Pro.....122.95 w/Extreme..227.95
Omni Trekker.....155.95 w/Extreme..292.95

TENBA

PRO TRAVELER
P655...143.95 P675...180.95 P695...224.95
P656.....143.95 P676.....180.95
P696.....224.95 P684.....212.95

PRO PAKS
P595...149.95 P795...180.95 P895...187.95
P995.....224.95 P998.....249.95

METRO PAKS
P839.....87.95 P859.....99.95 P899...112.95

CAR CASES
CC14.....87.95 CC15.....93.95 CC16...118.95
CC17...105.95 CC19...137.95 CC21...162.95
CC28...187.95 CC38...212.95 CCV45.149.95

CAR CASE TRI PAKS
CCT32..112.95 CCT46.124.95 CCT51..137.95

TRIANGULAR TRI PAKS
TTP34..104.95 TTP46.124.95 TTP75..199.95

BACK PACKS
P261.....93.95 P262...137.95 P263...224.95
P264...224.95 P265...255.95 P267...312.95

LONG LENS CASES
LL300...87.95 LL400...99.95 LL600..112.95

WEDDING CASES
2001...187.95 2003...249.95 2002.....87.95

IMAGE PAKS
P102i.....17.95 P103i.....24.95
P104i....26.95 P106i....36.95 P107i....38.95

LEATHER TRAVELER
P503.....55.95 P506.....68.95 P508.....74.95
P513.....124.95 P534.....92.95 P554...105.95

VENTURES
P303.....35.95 P304.....37.95 P305.....54.95
P306.....49.95 P307.....50.95 P308.....55.95
P309.....63.95 P354.....87.95

ZOOM PACKS
P231.....30.95 P232.....37.95 P233.....55.95

COMPANIONS
P203.....49.95 P206.....61.95 P209.....77.95

WAIST PACKS
P242.....62.95 P243.....87.95

BESELER CONTOUR SERIES

B620 Digital, SLR, Video.....24.95
B650 Digital, SLR, Video.....34.95
B700 Compact Video/Photo.....24.95
B710 Video/Photo34.95 B850.....44.95
B720 Multi Format..39.95 B730 Versatile....49.95
B30 7" Holster...14.95 B50 9" Holster....19.95
Available in Black, Navy & Hunter Green

PHOTOFLEX

Outbound.....69.95 Cruzer.....89.95
NEW! Navigator.....169.00

Domke

SHOOTER BAGS Available in blk, sand or navy
F-5XB Shoulder & Belt Bag.....47.97
F-6 Little Bit Smaller.....59.97
F-6 Ballistic Blk.....59.97
F-6E Hunter Green w/Leather Trim.....71.97
F-3X Super Compact.....77.97
F-3X Ballistic Black.....77.97
NEW! F-3XE Hunter Green w/Leather Trim 89.97
F-2 Original Bag..89.97 F-2 Ballistic Blk...89.97
F-2E Hunter Green w/Leather Trim.....101.97
F-2LE "Leather"..239.98 F-4AF Pro System..94.97
J-1 Ballistic Black.....119.97 J-2.....107.97
J-3 Balistic Black.....95.97
J-300 Long Lens Bag 7 x 8 x 12.....89.97
J-400 Long Lens Bag 7x 8 x 18.....95.97
J-600 Long Lens Bag 7x 8 x 22.....101.97
J Series Belt Bag..29.97 F-IX Balistic Blk 119.97
F-IX Little Bit Bigger.....119.97
F-7 Double AF..131.97 "Junk Trunk".....71.50

VESTS
NEW! XXL.....65.97
Photogs Cotton Vests (Khaki).....59.95
Photogs Jacket (S/M/L/XL).....134.95
Backpack (Blue, Olive or Black).....179.97
Daypack (Blue, Olive or Black).....119.97
Waist Pack (Blue or Olive).....35.97
Scope Pack (Blue or Olive).....83.97

SATCHELS - Available in black, navy or sand.
F-802 Reporter's Satchel.....59.97
F-802E Hunter Green w/Leather Trim.....77.97
F-803 Camera.....77.97
F-803E Hunter Green w/Leather Trim.....95.97
F-804 Super.....77.95 F-805 Courier.....99.95
F-806 Bureau Chief Satchel Black.....80.97

SLING & TRIPOD BAGS - Black Only
F-427 Tripod Bag-27"..28.77 F-432 32"..31.17
F-440 Tripod Bag-40".....37.17
F-400 Sling Bag 42x8x4".....47.97
F-401 Super Bag 38x8x8".....53.97
F-402 Mini Sling Bag 32x4x8".....44.97
F-403 x-long Stretch Sling bag 56x8x8"....53.97
FA-100 Back Pack Strap.....16.95
NEW! Film Guard Small...19.95 Large....27.95

OP/TECH USA SOFT SLR FITTED COVERS

Std. 50mm ..22.95 Short Zoom 28-80 ....24.95
Long Zoom 28-200 ....26.95 AF-Pro.....29.95
Chameleon (Auto and AF-Pro).....23.95

SOFT POUCH f/APS & DIGITAL CAMERAS
Mini.....12.50 Small.....13.50
Medium.....14.50 Large.....15.95

SNOOT BOOT
Mini.....13.95 Small..14.95 Med./Lg. ..15.95

X-RAY POUCH
Small....19.95 Med. ..26.95 Large 38.95
Camera straps, tripod legs & soft wraps, in stock

Porter CASE

The only wheeled carry-on w/a built-in cart It's a Case...a Tote...a Cart. All in one!

#1502E w/o Dividers and Foam.....199.75
#1502E with Foam.....209.75
#1502E with Dividers f/Computers.....249.75
#1502E with Dividers f/Photo.....269.75
#1502E Photo Plus w/Dividers.....299.75
#1502E Audio/Visual w/Dividers.....244.75

ALUMINUM CASES

w/Strap & Key
Small Tackle Box Style (15 x 11½ x 7½")...79.95
Lg. Tackle Box Style (20½ x 13¼ x 10½")...99.95
Small Attache Style (18 x 13¼ x 6").....59.95
Medium Attache Style (21 x 17½ x 8").....89.95
Large Attache Style (23 x 21 x 10¼").....119.95

ZERO HALLIBURTON

Most cases available in Silver or Black

W/FOAM
100 (9x12x5)...169.50 101 (9x16x7)...195.95
102 (13x18x4) .181.50 103 (13x18x6) .197.50
105 (13x21x6) .234.50 106 (17x21x7) .266.50
107 (13x21x7) .234.50 110 (18x26x9) .329.50
111 (18x24x7) .279.95 129 (20x29x10)389.95

COMPUTER CASES
Laptop Attache Case.....319.95
NEW!Ultra Slim Silver/Gun Metal 179.95
NEW!Zeroller Computer Case Silver/Gun Metal.....349.95
Slim Line Notebook Case, Gun Metal.....194.95
ZEROLLER (Silver Only) 107.....307.50
110.....489.50 129.....549.50

Modular Divider Cases w/Removable Interior
103 Silver.....266.50 105 Silver 312.50
110 Silver.....454.50

B&H EXCLUSIVE
HAZR107MS Zeroller Black/Silver
With Removable Dividers 329.95
Modular kits avail. to convert foam to divider case

M.A.S. COMPATIBLE — tamrac

ROLLING & STRONGBOX
644.....209.95 646.....248.95 648.....274.95
651*.....243.95 652*.....274.95
654*.....324.95 655*.....312.50

PRO SYSTEM
608.....115.95 610.....149.95 612.....174.95
613.....199.95 614.....228.50

MEDIUM FORMAT
620.....106.50 622.....174.95
623.....193.95 625.....248.95

ZOOM SYSTEM
603*.....61.95 604*.....81.50
605*.....68.95 606.....93.95

BACK PACKS
677*.....299.95 678*..337.50 757*...162.50
767*.....159.50 777*..224.95 787*...248.95

DAY PACKS
635*.....93.95 637*..112.50 748*.....74.95
750.....99.95 752.....118.95

HIP PACKS
702*.....59.50 704.....56.50 705*.....68.95
706.....84.50 707*.....81.50 709.....156.50

HOLSTER PACKS
515.....24.95 517*.....31.50 519*.....34.50

TRIPOD BAGS
324.....24.50 326.....28.50
327.....31.50 332.....59.50

SUPERLIGHTS
444.....93.95
446.....106.50 448.....108.50
449.....118.95 457.....187.50

5000 SERIES
5201.....33.95 5202.....37.50 5203.....41.50
5242.....49.95 5248.....62.50 5275*...99.95
5284.....40.95 5285.....37.50
5603.....47.50 5606.....59.95
5608.....84.95 5705*.....44.95

MODULAR ACCESSORY SYSTEM (M.A.S.)
MBX368..18.95 MBX370 18.95 MX352..23.50
MX354...24.50 MX382..13.50 MX384..14.50
MX385...28.50 MX387..24.50 MX388..16.95
MX395.....43.95 MX398.....16.50
SPX777.....34.50 SPX787.....40.95
Other bags, straps & accessories, In Stock.

STANDARD AND SPECIAL EFFECTS FILTERS

QUICK DIAL 61 — TIFFEN

Buy any 3 Tiffen Filters, get 10% off.

	40.5	46-49 52-55	58	62-67	72-77	82	86C/86M	BAY 60	Ser 9
Skylight (1A),UV Haze 1	10.95	10.95	12.50	16.25	28.00	41.95	69.95	49.00	77.95
UV Protector	9.95	9.95	11.95	15.50	25.50	39.50	59.95	39.95	—
Polarizer (Rotating mount except*)	—	17.50	20.50	26.00	39.95	54.95	124.95	58.75	118.95
Circular Polarizer (Rotating mount)	34.95	34.95	36.95	50.50	67.50	99.95	119.00	—	—
80A, 80B, 81A, 81B, 812	10.95	10.95	12.50	16.25	29.95	39.95	69.95	56.00	77.95
8, 11, 15, 25, Neutral Density 3, 6, 9	10.95	10.95	12.50	16.25	28.00	42.00	69.95	56.00	77.95
12, 16, 21, 23A, 29, 47, 47B	57.50	16.50	18.75	26.50	46.50	64.00	69.95	68.00	77.95
58, UV17, Haze 2A	57.50	16.50	18.75	26.50	46.50	64.00	69.95	—	77.95
81C/EF, 82A/B, 85, 85B/C	57.50	16.75	18.95	26.50	46.25	64.00	69.95	68.00	77.95
Center Spot	—	22.50	26.50	29.25	39.25	—	—	—	—
Close Up Lens Sets (+1, +2, +4)	—	39.00	49.00	59.00	89.00	—	—	—	—
CC 05/10/20/30/40/50M	—	34.95	47.95	61.95	89.50	—	—	87.95	87.95
Color Grads (Specify color & density)	—	31.50	36.75	44.75	59.95	—	139.95	87.50	—
Double Fog, 1, 3	57.50	27.25	34.00	44.50	59.95	64.95	79.95	88.00	99.95
Enhancing	31.95	31.95	45.95	53.95	59.95	64.95	124.95	109.95	118.95
FL-D/FL-B (* FL-D only)	14.50	14.50	18.75	23.50	37.00	66.95	78.95	—	87.95
Fog 1, 3	57.50	27.25	34.00	44.50	59.95	64.95	79.95	87.95	87.95
Low Contrast, 1, 2,3 (*3 only)	57.50	27.95	34.95	44.50	59.95	64.95	79.95	—	87.95
Sepia 1, 2, 3 (most sizes available)	57.50	27.95	34.95	44.95	58.95	64.75	78.95	—	87.95
Soft Contrast 1, 2, 3	57.50	27.25	35.00	44.50	59.95	64.95	79.95	88.00	87.95
Soft/FX 1, 2, 3, 4, 5 (*3 Only)	—	30.00	37.50	46.50	62.95	89.95	114.95	88.00	99.95
Softnet 2, 4 (Black or White)	57.50	28.00	35.00	44.50	58.50	64.75	78.95	88.00	87.95
Star Effect 6 Pt. 2mm	—	26.75	31.25	43.25	72.95	—	164.95	—	157.95
Star Effect 8 Pt. 2mm	—	29.50	34.50	47.50	75.95	—	164.95	—	157.95

HOYA

Buy any 3 Hoya Filters, get 10% off.

	39-40.5-43	46	49-52-55	58	62-67	72	77	82
UV/Skylight 1B	20.95	10.50	9.95	11.95	18.95	27.95	32.95	44.95
Polarizer (Rotating)	29.95	16.95	16.95	19.95	22.95	34.50	40.50	52.50
Circular Polarizer	—	28.95	29.95	34.50	49.50	58.95	70.50	92.95
K2*, G, 25A *, X0*, X1*	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
80A, 80B*, 80C*, 81A*, 81B, 81C	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
82A, 82B, 82C, 85, 85B, 85C	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Fluorescent FLD (Daylight) FLW (Warm White)	—	14.95	14.95	17.95	26.95	34.50	41.95	—
ND 2X (1 Stop), 4X (2 Stop)*, 8X (3 Stop)*	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Center Spot (Soft focus Rim w/ hole in center)	—	—	19.50	20.95	26.95	34.50	—	—
Soft Spot Set (Sand & soft screen w/ clear center)	—	—	29.95	34.50	44.95	53.95	55.95	—
Misty Spot (Clear center w/ gradual blurring towards rim)	—	—	20.95	—	—	—	—	—
Grad Color (Rotating, color gradually fades towards center)	—	—	19.50	20.95	—	—	—	—
Fog A, Fog B (Create fog effects)	—	—	20.95	22.50	—	—	—	—
Fog Filter Set (A & B)	—	—	37.50	44.95	56.95	67.50	83.95	—
Diffuser (Overall soft focus effect)	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Duto (Soft focus effect w/sharp center)	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Softener A, B (Graduated soft focus)	—	—	25.50	28.50	41.95	47.95	50.95	—
Spectral Cross (Soft focus w/rotating cross screen)	—	—	28.50	29.95	—	—	—	—
Close Up Set	—	34.50	34.50	42.95	58.95	74.95	82.50	—
Split Field (1/2 close-up, 1/2 open	—	—	29.95	32.95	35.95	44.95	—	—
Cross Screen (Star 4 point)	20.95	14.95	14.95	17.95	26.95	34.50	41.95	52.50
Star 6, Star 8 (Star 6 point, star 8 point)	—	—	20.95	23.95	34.50	40.50	44.95	—
Multivision 3F, 3PF (Rotating 3 facet, 3 parallel facet)	—	—	44.95	50.95	67.50	82.50	88.50	—
Multivision 5F (Rotating 5 facet)	—	—	50.95	56.95	82.50	101.95	104.95	—
Multivision 6F, 6PF (Rotating 6 facet, 6 parallel facet)	—	—	55.50	71.95	86.95	109.50	119.95	—
Enhancement (Red/Green Field Int.)	—	—	32.95	41.95	53.95	59.95	71.95	—
Ultra Thin UV, Sky	—	—	—	28.95	34.95	41.95	44.95	—

B+W

B&H SPECIAL! Buy any 3 B+W Filters and get 5% off

	46	49	52	55	58	B60	62	67	72	77	82
UV, KR1.5	22.50	19.25	21.25	21.25	23.75	104.50	32.50	35.00	47.50	52.50	70.00
Top (Linear) Polarizer	44.95	30.95	36.25	40.00	43.75	—	50.00	56.25	68.75	75.00	111.25
Circular Polarizer	80.00	67.50	70.00	78.75	80.00	—	85.00	105.00	115.00	131.25	—
Kaesemann Linear Polarizer	92.50	90.00	95.00	108.75	112.50	—	117.50	140.00	155.00	175.00	202.50
Kaesemann Circular Polarizer	105.00	107.50	111.25	123.75	127.50	280.00	132.95	163.75	182.50	207.50	252.50
Warm Tone Linear Polarizer	105.00	90.00	125.00	142.50	146.25	—	155.00	173.75	190.00	225.00	252.00
Warm Tone Circular Polarizer	118.75	113.75	156.25	157.50	170.00	—	172.50	203.75	222.50	253.75	292.50
KR3, KR6, KR12, KR15, KB1.5, KB3, KB6, KB12, KB20	22.50	19.50	21.25	21.25	23.75	104.50	32.50	35.00	47.50	52.50	70.00
KB15, 81A, 81B	40.00	19.95	21.25	21.25	23.75	119.95	32.50	35.00	47.50	52.50	201.25
Lt. Yellow 021, Med. Yellow 022, Dk. Yellow 023, 099 Yellow Orange 040, Red Orange 041, Yellow Green 060 Green 061, Blue 080, Med. Blue 081, Lt. Red 090, Dk. Red 091	22.50	19.95	21.25	21.25	23.75	104.00	32.50	35.00	47.60	52.50	70.00

ORDERING, PAYING & SHIPPING INFORMATION

Mastercard, Visa, Discover, American Express, Money-Order, Certified Check, (personal check up to $30,000.00 with name imprinted on check) accepted.
Orders by Mail—Please print name, address and phone number clearly. (Orders without phone numbers may be delayed.) NY residents please add appropriate sales tax.
All items are covered by original manufacturer's full USA warranty and come complete with all the accessories as supplied by the mfg. Prices valid thru **May 19, 2000** subject to supplier pricing. Not responsible for typographical errors.
7 day money back guarantee (with prior approval only) minus freight charges if returned in mint condition, in original packaging, with unfilled warranty cards.
Shipping, handling and insurance charges are additional.
Shipping Methods—(excluding P.O. boxes will be shipped via airmail) in the Continental U.S.A. will be via FedEx Saver. Alaska, Hawaii via FedEx Economy. Oversized items via truck.
FedEx Saver—Minimum $6.95 up to 1 lb. add 75 cents for each additional lb.
Insurance is 50 cents per $100.

B&H PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL: 800-947-9953 212-444-6653

OR FAX (24 HOURS): 800-947-7008 212-239-7770

MOST ORDERS SHIPPED WITHIN 24 HOURS
OVERNIGHT SERVICE AVAILABLE

On the Web: http://www.bhphotovideo.com

BINOCULARS/SCOPES

SWAROVSKI OPTIK

ALL FULLY WATERPROOF
SLC ROOF PRISM COMPACT
7x30 • 8x30 III • 8x50 • 8x56 • 7x42 • 7x50 • 10x42
Suspenders for SLC Binoculars **16.95**
POCKET ULTRA • 8x20 • 10x25
TELESCOPES
AT-80 HD Angled • ST-80 HD Straight
OCULAR EYEPIECES F/TELE
15x • 22x • 30xww • 20-60x • Camera Adapter
CALL FOR PRICES

Leica — USA AUTHORIZED DEALER

COMPACTS Life Time Warranty
8x20 PCT Titanium ..... **CALL**
8x20 BC ..... **CALL** 10x25 BC ..... **CALL**
10x25 BCA Rubber Armored ..... **CALL**
NEW! 800 Laser Rangefinder ..... **CALL**
NEW GENERATION STANDARD w/Case
3-Year Passport Life Time Warranty
• 7x42 BA • 8x32 BA • 8x42 BA • 10x32 BA
• 10x42 BA • 8x50 BA • 10x50 BA • 12x50 BA
• 7x42 BD Geovid - **$500 Rebate**
CALL FOR PRICES
SPOTTING SCOPE
3-Year Passport 5-Year Warranty
Spotting Scope Televid 77 Straight ..... **CALL**
Spotting Scope APO - Televid 77 ..... **CALL**
Spotting Scope Televid 77 Angled ..... **CALL**
Ocular Eye PC 20x 40x 20-60x ..... **CALL**

QUICK DIAL 632

Nikon

Sports & Marine Waterproof
7x50 Sports and Marine WP **199.95**
7x50 Sports & Marine w/compass, WP ... **259.95**
E Series
7x35 E ..... **239.95** 8x30 E **259.95**
Superior E
8x32 .. **469.95** 10x42 .. **599.95** 12x50 .... **639.95**
Sprint
7x21 III ..... **59.95** 8x21 Medallion ... **59.95**
9x21 II ..... **54.95** 10x21 Medallion **62.95**
Sky and Earth
8x30 D IFRC Trailblazer **364.95**
Compact Waterproof Mountaineer II
8x25 ..... **159.95** 10x25 ..... **189.95**
Field Scopes
Field Scope III Scope Body **349.95**
Field Scope III Outfit w/20-45x, Tripod, Case, Window Mount **584.95**
Field Scope III ED Body **609.95**
Eyepiece 15x, 40x, 20x ..... Ea. **79.95**
24x Wide Angle **144.95** 30x WA **139.95**
20-45x **164.95** 40x WA **159.95** 60x WA **174.95**
Photo Attachment F/Field Scopes **139.95**
20x Nature Scope **339.95**
Water Resistant Spotting Scopes
20x60 w/Eyepiece **179.95**
15-45x60 Zoom w/Eyepiece **269.95**
15-45x60 Zoom w/Eyepiece & Tripod **294.95**
20x Eyepiece ..... **39.95** 25x WA **69.95**
15x45 Zoom Eyepiece **119.95**
Waterproof Spotters
16-47x60 Sptr XL, WP Kit w/Tripod & Case **409.95**

OLYMPUS

RC II Out Back
8x22 ..... **79.95** 10x25 ..... **89.95**
EXPS Pathfinder
7x50 ..... **124.95** 12x50 ..... **139.95**

ZEISS — USA Lifetime Warranty

WATERPROOF
DESIGN SELECTION
Pocket w/Case
8x20 ..... **CALL**
Rubber Armored w/Pouch
7x45 ..... **CALL** 8x30 ..... **CALL**
8x56 ..... **CALL** 10x56 ..... **CALL**
NEW! 10x30 ..... **CALL**
CLASSIC
Pocket w/Pouch
8x20 ..... **CALL** 10x25 ..... **CALL**
Rubber Armored
w/P= w/Pouch, S/C= Self Contained, w/C= w/Case
7x42 w/P ..... **CALL** 8x30 IF S/C ..... **CALL**
8x30 CF w/P ..... **CALL** 8x56 w/C ..... **CALL**
10x40 w/P ..... **CALL** 15 x 60 CF S/C ..... **CALL**
20 x 60 w/Aluminum Case ..... **CALL**
MONOCULARS
Design Selection
4x12 w/P ..... **CALL** 6x18 w/P ..... **CALL**
8x20 w/P ..... **CALL** 10x25 w/P ..... **CALL**
20x60 GA w/P ..... **CALL** Mini Quick 5x ..... **CALL**

BUSHNELL

NEW! Yardage Pro 1000 ..... **349.95**
Compact 800 ..... **299.95**
POWER VIEW SERIES
7-15x35 Zoom **69.95**
7-21x40 Zoom **74.95**
VOYAGER TELESCOPES
675 x 45 Reflector **249.95**
BIRDER/NATUREVIEW
8x40 ..... **CALL**
8x42 ..... **CALL**
10x42 ..... **CALL**
8x30 ..... **CALL**

PENTAX

COMPACT UCF
8-16x21 Zoom ..... **CALL**
8-20x24 Zoom ..... **CALL**
PORRO PRISM PCF
8x40 ..... **CALL**
ROOF PRISM DCF
7x20 ..... **CALL**
12x42HR ..... **CALL**
NEW! FB POCKET
8x18 ..... **CALL**
10x18 ..... **CALL**
NEW! WATERPROOF
8x42 DCF ..... **CALL**
10x42 DCF ..... **CALL**
Field Bag & Bird Book **9.95**

BAUSCH & LOMB

Elite Waterproof
• 7x24 • 8x42 • 10x28 • 10x42 **CALL FOR PRICES**

STEINER GERMANY

Canon — w/Case & Strap

ULTRA COMPACT
8x23A **44.95**
WATERPROOF
8x32WP **129.95**
15x50 Image Stabilizer ..... **$50 Mfg. Rebate**
18x50 Image Stabilizer ..... **$50 Mfg. Rebate**

MINOLTA

Compact Series
8x25 ..... **54.95** 10x25 ..... **59.95**
Pocket Series
8x22 ..... **54.95** 10x25 ..... **59.95**
Classic Series
7x35 ..... **49.95** 7X50 ..... **59.95**
8x40 ..... **52.95** 10X50 ..... **59.95**
NEW! Activa Compact
8x25 ..... **79.95** 10X25 ..... **84.95**
12x25 ..... **94.95** 7x35 ..... **109.95**
7x50 ..... **119.95** 8x40 ..... **119.95**
Zoom
7-15x35 ..... **139.95** 8-20x50 ..... **159.95**

TRIPODS, BALL HEADS AND ACCESSORIES

QUICK DIAL 633

Velbon

Carmagne 640-Carbon Fiber (Legs only) .**399.00**
Carmagne 630-Carbon Fiber (Legs only) .**369.95**
VICTORY
550 The Grounder Photo Tripod **64.95**
CHASER SERIES
EL3-A ... **54.95** EFL3-A .. **64.95** EFL4-A ... **79.95**
w/Panhead & Quick Release f/the Chaser add **34.95**
Q.R. w/XL Camera Platform **49.95**
(Q.R. Platform f/XL) Extra Plate **29.95**
Q.R. f/35mm Camera **39.95**
(Q.R. Camera Platform) Extra Plate **22.95**
Macro Slider **89.95**
DH20/4 Compact Tripod **46.95**

SLIK

MINI-PRO
Mini Pro II .. **27.95** Mini Pro .. **41.95** Mini .. **20.95**
Compact XL **27.95**
NEW! Snapman Deluxe (Green Color) **99.95**
UNIVERSAL
U5000 .. **24.95** U6000 .... **29.95** U8000 .... **39.95**
U9000 ..... **44.95** U212 Dlx **79.95**
300 DX ..... **99.95** 500 DX **129.95**
700 DX ..... **169.95** 322 AF II **199.95**
MONOPODS
EZ-Pod Jr. ..... **37.95** Slim Pod **19.95**
Light Pod **44.95** E-Z Pod ... **49.95** Pro-Pod .**89.95**
380 Carbon Fiber Pro-Pod **138.95**
VIDEO TRIPODS
505 QF **169.95**
OUTDOOR/SPORTS
444 Sport II **114.95**
PROFESSIONAL
Master Classic **119.95**
CARBON FIBER
803 ..... **299.95** 804 ..... **329.95**
TRIPOD HEAD & ACCESSORIES
Compact Ballhead .... **24.95** Standard **44.95**
Pro Ballhead ..... **79.95** Pro 800 ..... **89.95**
Superball Head ..... **239.95** Clamp Pod **19.95**
AF 2100 Pistol Grip Head **59.95**
Lens Caddy ..... **17.95** Flash Caddy ... **33.50**

Tiltall

Silver Black w/Head **99.95**
Gold w/Head **119.95**
B&H Special FREE Case w/Purchase of Gold Tripod
Junior Tripod **89.95**
Case for Tiltall **19.95**
Long/Short Handles In Stock

LINHOF *Quick Dial #622*

PRO BALL HEADS AND ACCESSORIES
Pro 01 ..... **106.00** Pro 1 ..... **158.00**
Profi II w/42mm Top .. **275.00** w/77mm .. **280.00**
Profi III w/42mm Top **549.00**
Profi III w/77mm **555.00**
Profi w/Quick Fix
Profi II ..... **310.00** Profi III **559.00**
Quick Fix I w/Plate (Small) **119.00**
Quick Fix II w/Plate (Large) **119.00**
Spare Plates **39.95**

BENBO

Trekker Monopod (60-1/2") **46.95**
Standard Tri-Pak **310.50**
Standard #1 (62") Tripod **206.99**
XL #2 (97") Tripod **231.50**
Low Boy EL #4 (45") Tripod **220.95**
Trekker 35 #7 (64") Tripod **158.95**
Trekker Tri Pak Tripod w/Ball Head & Case .**255.50**
NEW! B320 Miniball & Socket Head w/Panorama Base **54.50**
NEW! BE 322 Med **99.95**

BALL HEADS *Quick Dial #634*

STUDIOBALL

SB QR Quick Release Model **309.95**
SB 14 Fixed Panorama 1/4" & 3/8 ..... **299.95**
NEW! Miniball w/Quick Release **219.95**
NEW! Miniball w/ Fixed 1/4" & 3/8 Rev.... **189.95**
Plates For Quick Release **39.95**

ARCA MONO - BALL

B-1 Monoball w/Quick Release **399.95**
B-1E Economy w/Quick Release **309.95**
B-1G Giant w/Quick Release **499.95**
B-2 Monoball w/Quick Release **649.95**
Arca Swiss Original Q.R. Plates **52.95**

KAISER PROFESSIONAL

All ballheads are reversible 1/4" & 3/8"
Small ..... **69.95** Medium **199.95**
Large **239.95**
Large w/Quick release **319.95**

KAISER QUICK RELEASES

Small ..... **27.50** Large **36.95**
Pro ..... **124.95** Extra Plate **19.95**
Extra Plate f/Pro **44.95**

BROMWELL

Small ..... **159.95** Professional HD **394.95**
Extra Plates ..... **38.95** Extra Plates f/Pro **88.95**

FOBA SUPER BALL

Mini Super Ball **209.00**
w/Quick Release **239.95**
Ballo Standard w/3/8" or 1/4" Thread **374.95**
Balla Quick Release Model **399.95**
Plates for Quick Release **54.00**

NEW! GIOTTO PRO

Large 26.5 lbs. .**149.95** Large 22 lbs. **109.95**
Med. 17.6 lbs. .... **89.95** Compact 13 lbs. .**59.95**
Small 8.8 lbs. **39.00**

STROBOFRAME

Compact ..... **16.95** Standard **29.50**
Deluxe Studio .... **44.95** Onyx FL-2 ..... **69.95**

NOVOFLEX

Magic Ball ..... **269.95** Mini Magic **159.95**
Mini Connect QR **79.95**
Panoram Plate **99.95**

MISCELLANEOUS BRANDS

Bilora 1030 Med. **49.95**
Bilora 1050 Lg. **89.95**
N.P.C. Pro Ball Head **229.95**
N.P.C. Pro Ball Head w/Q.R. & plates **284.95**
F&L Ballhead **249.95**
Sachtler w/Quick Release **338.95**

bogen

3405 Junior Tripod w/3-Way Pan Head **69.95**

NEW! 40th ANNIVERSARY TRIPOD SPECIAL
3221 w/3030 3-Way Panhead **177.95**

	3001	3011	3021	3401	3221W	3033	3036	3046	3051
Legs Only w/o Head	**65.50**	**79.95**	**98.95**	**109.95**	**129.95**	**154.95**	**173.95**	**149.95**	**199.95**
w/3025 Head	**85.95**	**100.50**	**119.50**	**128.50**	**150.50**	**175.50**	**194.50**	**170.50**	**220.50**
w/3028 Head	**94.95**	**109.95**	**128.50**	**137.50**	**159.50**	**184.50**	**203.50**	**179.50**	**229.50**
w/3029 Head	**106.95**	**120.95**	**139.95**	**149.50**	**170.95**	**195.95**	**214.95**	**190.95**	**240.95**
w/3030 Head	**113.95**	**127.95**	**146.95**	**156.50**	**177.95**	**202.95**	**221.95**	**197.95**	**247.95**
w/3047 Head	**127.95**	**142.50**	**164.95**	**170.95**	**192.50**	**217.50**	**238.95**	**212.50**	**262.50**
w/3063 Head	**161.95**	**176.50**	**196.95**	**204.95**	**226.95**	**251.95**	**273.95**	**247.95**	**297.95**
w/3433 Head	**180.45**	**194.90**	**213.90**	**222.95**	**244.90**	**269.90**	**288.95**	**264.95**	**314.95**
w/3126 Head	**116.95**	**132.50**	**152.95**	**160.95**	**182.50**	**209.95**	**226.50**	**204.95**	**252.50**
w/3130 Head	**123.95**	**137.95**	**157.95**	**166.50**	**187.95**	**212.95**	**231.95**	**209.95**	**259.95**
w/3160 Head	**117.95**	**132.50**	**152.95**	**160.95**	**182.95**	**209.95**	**226.50**	**204.95**	**254.95**
w/3265 Head	**129.95**	**144.50**	**168.95**	**172.95**	**194.50**	**219.50**	**238.50**	**214.50**	**264.50**

For above tripods in black anodized finish ..... **add 12.95**
NEW! 3444 w/3437 Head ..... **456.95** 3443 w/3437 Head **449.95**
3205G Tracker Tripod w/3030G Head ..... **162.00** 3221G Tracker Tripod w/3130G Head **210.00**
***G = Green**

CINE-VIDEO TRIPODS

	3061	3068	3141	3181	3185	3190	3191	3058	3283
Legs Only w/o Head	**214.95**	**182.95**	**299.95**	**189.95**	**249.95**	**319.95**	**314.95**	**294.95**	**299.95**
w/3063 Head	**311.50**	**279.95**	**431.95**	**271.50**	**317.50**	**411.50**	**411.50**	**391.50**	**424.95**
w/3066 Head	**522.95**	**490.95**	**642.95**	**489.95**	**549.95**	**624.95**	**624.95**	**602.50**	**624.95**
w/3433 Head	**329.90**	**297.95**	**449.95**	**304.95**	**335.90**	**429.90**	**429.90**	**409.90**	**414.90**

MONOPODS

	3016	3018	3230
w/o Head	**28.95**	**37.50**	**63.95**
w/3025	**48.50**	**54.95**	**84.50**
w/3232	**39.95**	**49.95**	**76.50**
NEW! 3449 w/3437 Head			**224.95**
3006 Lt. Weight .**26.95**	3245 Auto Black .**63.95**		
3249 4-Section Compact Monopod			**37.95**
3425 Prof. Video Monopod			**59.95**
For Black Monopods Add			**6.95**

BALL HEADS

3009 Mini **23.50**	3026 Dbl. Action **31.50**	
3434 Micro		**26.95**
3262 Medium .. **29.95**	3262QR Med. w/QR .**42.95**	
3055-S Hvy Duty Single Action Ball Joint Head		**34.95**
3055 Heavy Duty Ball Joint Head		**42.95**
3413 Di y **43.50**	3413 Q.R.	**47.95**
NEW! 3435 Q.R. Pro Ball Med. #468RC ..		**194.95**
NEW! 3436 Q.R. Pro Ball Lg. #469RC		**219.95**
3038 Super Mono		**143.95**
3265 Grip Action		**65.95**

SPECIAL CAMERA SUPPORTS

3007 Table Top w/o Head **12.95**	3292 Car Window Pod **22.50**
3008 Table Top w/Mini Ball Head **33.95**	3293 Car Window Pod w/Head **43.95**

PHOTO/VIDEO HEADS

3025 "3-D" Head **20.95**	3147-10 #510-10 Pro Video Head **719.95**
3028 Super "3-D" Head **29.95**	3274 #316 Video Head **539.95**
3029 Pan Tilt Head **41.50**	3126 Micro Fluid Head **52.95**
3030 Pan Tilt Head w/Quick Release **48.50**	3130 Micro Fluid Head w/Quick Release **58.50**
3039 Super Pro Head **131.95**	3160 XL Fluid Head w/Quick Release **52.95**
3047 Deluxe 3-Way Panhead **62.95**	3229 Swivel Tilt Head w/Quick Release **24.95**
NEW! 3410 #329 3-Way Pan Head **67.95**	3232 Swivel Tilt Head **12.95**
3057 Deluxe 3-Way Camera Head w/4"x4" Plate. **127.95**	3275 Mini Geard Head w/Q.R. **138.95**
3063 Mini Fluid Head **96.95**	3263 Deluxe Geared Head w/Quick Release .. **439.95**
NEW! 3433 #501 Fluid Head w/Q.R. **114.95**	3414 Panoramic Head **119.95**
3066 Cine/Video Fluid Head **307.95**	3415 Panor. Head & QTVR System **269.95**
3147 510 Pro Video Head **719.95**	3418 QTVR-Plus Head System **354.95**

TRIPOD ACCESSORIES

3127 Portable Video Dolly **83.95**	3286 Hard Case 9½" x 9½" x 44" **154.95**
3056 Auto Dolly Black **91.95**	3044 Tripod Caddy Strap **20.95**
3137 Variable Leg Spread Portable Dolly .. **94.00**	3059 Side Arm for All Tripods **39.95**
3156 Folding Auto Dolly **129.95**	3146 Tripod Utility Apron **22.50**
3254 Folding Auto Dolly Black **139.95**	3153 Double Head Support **58.95**
3067 Cine/Video Deluxe Dolly **199.95**	3252 Long Lens Support **39.95**
3198 Video DLX Dolly F/Tripods w/Spiked Ft. . **199.95**	3420 Telephoto Lens Support **49.95**
7000 Roll-Pod **179.95**	3421 Heavy Telephoto Lens Support **109.95**
3279 Tripod Bag 25" (3001 Series) **29.95**	3255 All Weather Tripod Shoes (3) **17.95**
3280 Tripod Bag 35" (3011, 3021, 3033) .. **36.95**	3256 Spiked Foot Adapters **14.95**
3281 Tripod Bag 45" (3036, 3046, 3051) .. **46.95**	3270 Low Profile Q.R. Adap. w/3271 Plate. **24.95**
3282 Tripod Bag 46"x9" (3190 w/Heads) .. **69.95**	3299 Compact Q.R. Adap. w/3266 Plate **24.95**
3282-S Tripod Bag for 3141 and 3283 ..... **59.95**	3273 Pro Quick Release **33.50**
3285 Hard Case 6 x 6 x 44" **139.95**	3296 Quick Release **32.95**

GITZO

Lifetime Warranty Authorized USA Dealer.
We Stock the Complete Line!

***-MK II CF-Carbon Fiber M-Magnesium**

Special! 80 Anniversary Tripod With Head **354.95**

00-11 Table Top **92.00**

WEEKEND SERIES O
01 ..... **132.95** 026 ..... **213.95**

SPORT SERIES I
101 ..... **152.00** 106 ..... **160.00** 112 ..... **249.95**
118 ..... **267.99** 120 ..... **207.99** 126 ..... **216.95**

REPORTER SERIES 2
1201* ... **177.95** 1212* ... **338.95** 1218* ... **328.01**
1220* ... **250.67** 1222* ... **386.95** 1224* ... **262.95**
1226* ... **268.00** 1227CF* **546.95** 1228CF* **569.95**

STUDEX SERIES 3
1312* ... **428.02** 1320* ... **318.95** 1326* ... **401.95**
1322 ..... **389.95** 322 ..... **299.95** 328 ..... **399.95**

SHORT COLUMN
035 ..... **26.50** 135 ..... **27.95** 235 ..... **29.95**
335 ..... **31.95** 435 ..... **36.95**

MONO PODS
558 ..... **243.95** 1560 ..... **96.00** 1561* ... **83.00**
1563* ..... **100.95** 1563L* **113.95**
1564* ..... **106.95** 1564L* **118.95**
1565* ..... **183.95** 1566* **119.95**
1568CF ..... **198.67** 1588CF* **233.34**

ACCESSORIES
583 Offset Bracket **43.99**
584 Double Camera Platform **54.50**
065 Monitor Platform **69.95**

INTER PRO, PRO, TELE, STUDEX SERIES*

w/o Column	w/Rapid Column	w/Geared Column
1340 IPro **312.01**	1341 IPro **394.95**	1342 IPro **538.95**
1345 IPro **360.01**	1346 IPro **442.95**	1347 IPro **586.95**
1410 Pro **353.95**	1411 Pro **437.95**	1412 Pro **643.95**
1415 Pro **350.68**	1416 Pro **434.95**	1417 Pro **640.95**
1500 Tele **426.95**	1501 Tele **510.95**	1502 or 1507 Tele **716.95**
1504 Tele **576.00**	1506 Tele **510.95**	1509 Tele **866.00**
1505 Tele **426.68**	1508 Tele **660.00**	
1325 CF IPro **660.50**	1329 CF IPro **732.00**	
1348 CF IPro **813.95**	1349 CF IPro **866.95**	
1548 CF Tele **906.95**	1549 CF Tele **993.38**	

FISHPOLES

G555 ..... **69.95**	G1551CF **198.95**	
G556 ..... **84.95**	G1552CF **239.95**	
G557 ..... **108.95**	G1553CF **299.95**	

BALL HEADS

075 ..... **58.95**			
1171 ..... **126.95**	1172 ..... **149.95**		
1175 ..... **89.95**			
1270M* **122.95**	1275M* **134.95**		
1276M* **162.95**	1370M* **181.95**	1371M* **161.95**	
1372M* **178.95**	1375M* **169.95**	1376M* **217.95**	
1377M **173.34**	1570M* **226.95**	1571 ..... **193.95**	
1572 ..... **229.31**	1575 ..... **211.95**	1575M* **228.00**	
1576M* **256.00**			

PRO VIDEO HEADS

1380- 1, 2, 5, 6, 7, 9, 10	**706.95**
1337 Tripod	**331.91**
1338 CF Tripod	**593.95**

W/KP = with Kodalux Processing
W/FP = with Fuji Processing

QUICK DIAL 61

BLACK & WHITE AND COLOR FILM

FUJI BLACK & WHITE AND COLOR FILM

FUJICOLOR PRINT

	CN 100 SUPERIA	CA 200 SUPERIA	CH 400 SUPERIA	CZ 800 PRESS	CZ 800 SUPERIA	CU 1600	CS 100 REALA
24	1.69	1.79	2.09	—	—	—	2.59
24 w/KP	8.18	8.28	8.58	—	—	—	9.08
36	1.99	2.09	2.79	3.39	3.59	3.99	2.99
36 w/KP	10.38	10.48	11.18	11.78	11.98	12.38	11.38
120	1.85	—	—	—	—	—	2.09

SENSIA SLIDE

	RA100	RM200	RH400
24	—	2.89	3.89
24 w/KP	—	6.26	7.26
36	2.99	3.79	4.99
36 w/FP	6.28	7.08	8.28
36 w/KP	7.28	8.08	9.28

4x5 QUICKLOAD
20 SHEETS

Velvia RVP 50	57.49
Provia F 100	56.19
RTP 64	54.69
Astia 100	56.19
Quickload Film Holder	104.95

NEOPAN B&W PRINT

	400	1600
36	2.44	2.99
w/KP	10.83	11.38
100 ft.	34.95	—
120	2.25	—

FILM SPECIALS

BLACK & WHITE
Fuji Neopan 100-36 ..... **1.99**
Konica Monochrome 400-24 **3.95**
Kodak Rapid Process Copy 36 **9.95**
Macophot Ortho 25 ASA-36 **3.95**
Macophot Ortho 25 120 ..... **4.95**
Kodalith Ortho 100' **45.95**

COLOR SLIDE
Konica Chrome 100-36 ..... **2.99**
Kodak Ektachrome Infrared EIR 36.. **18.95**

COLOR PRINT
Fuji FP-100C 10 Pack Glossy **11.99**
Fuji Instax (10 Exp.) **10.95**

FUJICOLOR PROFESSIONAL PRINT

	NPS 160 (D)	NPL 160 (T)	NPH 400	NHG II 800	CDU II DUPE	INTERNEG
135-36	3.19	—	3.59	5.69	—	—
36 w KP	11.58	—	11.98	14.08	—	—
100ft.	42.75	—	—	—	42.95	74.95
120	2.39	3.49	2.49	3.69	—	—
220	5.29	—	5.69	6.89	—	—
4x5-10	16.75	17.85	—	—	—	17.59
4x5-50	75.75	77.75	—	—	67.95	79.95
8x10-10	61.90	62.95	—	—	—	65.49
8x10-50	—	—	—	—	257.95	302.95

FUJI APS

	100	200	400
25	2.89	2.99	3.59
w/FP	11.88	11.98	12.58
w/KP	11.88	11.98	12.58
40	3.69	3.49	3.89
w/FP	17.18	16.98	17.38
w/KP	17.38	17.18	17.58

PROFESSIONAL SLIDE FILM

	VELVIA RVP 50	RTP 64	PROVIA 100	PROVIA F-100	PROVIA 400	PROVIA 1600	ASTIA 100	RMS 100/1000
135-36	4.99	5.49	4.89	5.39	5.99	6.69	4.99	6.39
36 w FP	8.28	8.78	8.18	8.68	9.28	—	8.28	—
36 w KP	9.28	9.78	9.18	9.68	10.28	—	9.28	—
100ft.	73.95	86.50	64.95	—	109.95	—	69.95	99.95
120	2.79	3.09	2.49	3.99	4.19	—	3.09	4.19
220	6.49	—	—	8.69	—	—	6.49	7.99
4x5-10	19.95	18.90	—	19.95	—	—	18.95	—
4x5-50	89.95	86.95	—	89.95	—	—	87.95	—
8x10-10	75.69	72.49	—	74.59	—	—	73.50	—
8x10-50	351.75	335.95	—	346.50	—	—	346.50	—

ILFORD PROFESSIONAL B&W FILM

	PAN F+ 50	FP4+ 125	HP5+ 400	XP-2 SUPER	DELTA 100 PRO	DELTA 400 PRO	SFX 200 EXTENDED RED RANGE
24 Exp.	—	1.89	2.09	2.49	2.49	2.59	—
24 w KP	—	8.38	8.58	8.98	8.98	9.08	—
36 Exp.	2.99	2.69	2.49	2.99	3.49	3.69	5.99
36 w KP	11.38	11.08	10.88	11.38	11.88	12.08	—
100ft.	25.50	23.99	25.95	34.95	36.95	36.95	—
120	2.09	2.09	2.09	2.19	2.39	2.59	4.95
220 PP	—	24.75	24.95	—	—	27.95	
4x5.25	—	14.95	14.95	16.95	15.29	15.95	**DELTA 3200**
4x5.100	—	55.95	56.95	—	56.95	59.95	36 .....4.49
5x7.25	—	24.95	24.95	—	—	25.95	120 ...3.19
8x10.25	—	48.95	48.95	—	49.95	51.95	
11x14.25	—	98.95	98.95	—	—	—	

KODAK BLACK & WHITE AND COLOR FILM

70MM FILM

	TRI-X 400	PORTRA 160PC
	USA R.	USA
15 FT. Perf. #488	24.95	22.95
100 FT. Perf. #475	—	96.95
100 FT. #474	—	96.95

PROFESSIONAL COLOR NEGATIVE PRINT
NEW! PORTRA

	P-100T	PMZ-1000	160NC		160VC		400NC		400VC	
	USA R.	USA R.	IMP.	USA	IMP.	USA	IMP.	USA	IMP.	USA
36	—	6.30	3.69	4.19	3.69	4.19	4.29	4.39	4.29	4.39
36 w/KP	—	14.69	12.08	12.58	12.08	12.58	12.66	12.78	12.66	12.78
36 PP	—	—	18.45	20.95	18.45	20.95	21.45	21.95	21.45	21.95
100 ft	—	—	—	44.95	—	—	—	43.95	—	—
120	3.79	3.95	3.09	3.29	3.09	3.29	—	—	—	—
120 PP	18.95	—	15.45	16.45	15.45	16.45	—	17.25	—	17.25
220 PP	—	39.95	—	32.45	—	32.45	—	33.95	—	33.95
4x5-10	18.29	—	—	17.49	—	17.49	—	19.95	—	—
4x5-50	83.95	—	—	78.95	—	79.95	—	—	—	—
5x7-10	—	—	—	—	—	—	—	—	—	—
5x7-50	—	—	—	—	—	—	—	—	—	—
8x10-10	69.95	—	—	64.95	—	64.95	—	74.95	—	—

4x5 READY LOAD
20 Sheets

TMX 100	EPP-100 Daylight	EPY-64 Tungsten
USA	USA	USA
33.95	52.95	49.95
E100S	**E100SW**	**PORTRA 160 VC**
USA	USA	
51.95	51.95	54.95

Ready Load Packet Film Holder **54.95**

KODAK MAILERS

PRINTS
DP-12 ..... **4.49**
DP-24 ..... **6.49**
DP-36 ..... **8.99**
DP-15 (Disc) **3.99**
PP-1218 ..... **11.99**

SLIDES
PK-12 (120) .. **5.99**
PK-24 ..... **3.37**
PK-36 ..... **4.29**
ESP-1 ..... **2.69**
PK-59
Movie **5.59**

APS MAILERS
APS-15 ... **7.79**
APS-25 ... **8.99**
APS-40 **13.69**

FUJI MAILERS
Fuji Slide
36 ..... **3.29**

APS
15 Exp. ... **7.49**
25 Exp. ... **8.99**
40 Exp. **13.49**

MOVIE PROCESSING
Super 8 and 16mm 100 ft.
B&W **9.95**
Ektachrome **14.95**

MOVIE FILM

SUPER 8 SILENT 50 FT.
Kodachrome-40 KMA-464... **11.15**
Ektachrome 125 ..... **17.50**
Plus-X PXR-464 ..... **10.95**
Tri-X TXR-464 ..... **11.19**

16MM 100 FT.
Plus-X PXR-455 ..... **23.95**
Tri-X TXR-449 ..... **23.95**
Ektachrome 160D VND-455 **31.95**
Ektachrome 125T VNF-455 **31.95**
Ektachrome 400T VNX-455 **31.95**

ADVANTIX APS

	AA-100	AB-200	AC-400
25	2.79	2.99	3.59
wKP	11.78	11.98	12.58
wFP	11.78	11.98	12.58
40	3.59	3.69	3.89
wKP	17.28	17.38	17.58
wFP	17.08	17.18	17.38

400 B&W 25 ..... **4.39**
400 B&W 25 w/KP **13.36**

FUJI DISPOSABLE CAMERAS

Quicksnap 800 24 Exp... **3.99**
Quicksnap with Flash **5.49**
Panorama **7.49**
Panorama w/Flash.. **12.99**
Waterproof 800 ..... **8.79**

KODAK DISPOSABLE CAMERAS

One Time Use **4.39**
One Time Use w/Flash... **5.99**
Waterproof 35 ..... **7.65**
Panoramic **6.69**
Wedding Edition 5 Pack **36.95**

ILFORD DISPOSABLES

HP5 Plus **11.95**
XP2 Super **12.95**

ROYAL GOLD PRINT

	RA-100		RB-200		RC-400	
	IMP.	USA	IMP.	USA	IMP.	USA
24	2.99	3.19	3.49	3.70	3.69	3.99
24 w/KP	9.48	9.68	9.98	10.19	10.18	10.48
36	3.49	4.15	3.99	4.69	4.49	4.89
36 w/KP	11.88	12.44	12.38	13.08	12.88	13.28

EKTAPRESS PRINT

	PJ-100		PJ-400	PJ-800	SUPRA	36
	IMP.	USA	USA	USA	100	3.39
36	2.79	2.95	3.39	3.59	400	3.49
36 w/KP	11.18	11.34	11.78	11.98	800	3.69

SLIDES: KODACHROME / PROFESSIONAL

	KM-25	KR-64	KL-200	PKR-64	PKL-200
	USA	USA	USA	USA	USA
24	—	3.99	—	—	—
24 w/KP	—	7.36	—	—	—
36	5.75	4.15	6.89	8.89	9.79
36 w/KP	10.04	8.44	11.18	13.18	14.08

FILM ACCESSORIES

Watson 35mm Bulk Loader.. **15.95**
Alden #74 35mm Loader..... **34.95**
70mm Metal Cassette 15' **38.95**
Snap Film Cassette..... **32**
Plastic Cassette..... **45**
Kodak Snap Caps ..... ea **.99**
Film Shield XPF-8 (21 Rls)... **19.95**
Film Shield (60 Rolls) **19.95**
Film Shield XPF-20 (20 Rls). **32.50**
Film Shield Roll 6'x21.5"..... **74.95**

KODACOLOR COLOR NEGATIVE PRINT

	GA-100		GB-200		GC-400		GT MAX-800	
	IMP.	USA	IMP.	USA	IMP.	USA	IMP.	USA
24	1.69	2.75	1.99	3.09	2.09	3.25	—	3.49
24 w/KP	8.18	9.24	8.48	9.58	8.58	9.74	—	9.98
36	2.09	3.59	2.29	3.89	2.59	4.29	3.59	4.39
36 w/KP	10.48	11.98	10.68	12.28	10.98	12.68	11.98	12.78
120	—	1.99	—	—	—	—	—	—

EKTACHROME SLIDE

	Elite Chrome EB-100		EBX-100		Elite Chrome ED-200		Elite Chrome EL-400	
	IMP.	USA	IMP.	USA	IMP.	USA	IMP.	USA
24	2.99	3.99	3.79	4.39	4.29	5.19	—	5.99
24 w/KP	6.36	7.36	7.16	7.76	7.66	8.56	—	9.36
36	3.09	4.29	3.29	4.49	4.65	6.39	5.39	—
36 w/KP	7.38	8.58	7.58	8.78	8.94	10.68	9.68	—
36 w/FP	6.38	7.58	6.58	7.78	7.94	9.68	8.68	—

PROFESSIONAL EKTACHROME COLOR SLIDE

	EPR-64, 6117		EPP-100, 6105		EPN-100		E-100S		E-100SW		E-100VS	E-200		EPL-400
	IMP.	USA	IMP.	USA	USA	IMP.	USA	IMP.	USA	USA		IMP.	USA	USA
135-36	5.09	6.09	5.29	5.39	7.49	4.99	5.99	4.99	5.99	5.99		4.89	6.19	8.49
135-36 w/KP	9.38	10.38	9.58	9.68	11.78	9.28	10.28	9.28	10.28	10.28		9.18	10.48	12.78
135-36 w/FP	8.38	9.38	8.58	8.68	10.78	8.28	9.28	8.28	9.28	9.28		8.18	9.48	11.78
135-100 ft	—	69.95	—	64.95	69.95	—	79.95	—	79.95	—		—	99.95	115.95
120	—	3.99	—	3.39	4.59	—	3.84	—	3.89	3.89		—	3.79	5.19
120PP	—	19.95	—	16.95	22.95	—	19.20	—	19.45	19.45		—	18.95	25.95
220PP	—	47.95	—	43.95	44.95	—	39.95	—	39.95	44.95		—	47.95	—
4x5-10	—	21.95	—	19.95	19.95	—	19.95	—	19.95	20.95		—	—	—
4x5-50	—	97.99	—	91.95	91.95	—	89.95	—	89.95	94.95		**EPH-1600**		
5x7-10	—	—	—	39.95	39.95	—	—	—	—	—		**135-36**		
8x10-10	—	81.49	—	75.95	75.95	—	74.95	—	74.95	78.95		IMP.	USA	
8x10-50	—	384.95	—	349.95	349.95	—	349.95	—	349.95	368.95		7.99	10.95	

NOW AVAILABLE

B&H now offers the **professional processing services** of A&I one of the finest E-6 & Kodachrome labs in the U.S., satisfying the most demanding needs of professional photographers for more than 20 years.
To experience what A&I custom processing can do for you and see how the quality of the film processing makes a significant difference in the quality of your image,
an A&I Pre-Paid Slide (35mm & 120) **Mailer is now available,**
only $5.49
ALSO—our ***B&H-A&I* Passport Program**, entitles you to discounts on all **A&I** photo & digital services ***plus*** monthly specials. See our website or call for details.

PROFESSIONAL TUNGSTEN SLIDE

	EPY-64		EPT-160		EPJ-320	
	IMP.	USA	IMP.	USA	IMP.	USA
135-36	5.29	6.19	6.99	8.19	7.49	8.49
135-36w/KP	9.58	10.48	11.28	12.48	11.78	12.78
135-36 w/FP	—	9.48	10.48	11.48	10.78	11.78
135-100ft	—	69.95	—	76.95	—	—
120	—	3.99	—	4.64	—	—
120PP	—	—	—	23.20	—	—
220PP	—	—				
4x5-10	—	18.95				
4x5-50	—	87.95				
5x7-50	—	155.95				
8x10-10	—	71.95				
8x10-50	—	334.95				

IMP = Imported from European countries.
USA = Made in USA but does not qualify for Pro-Rewards.
USA R. = Made in USA and qualifies for Pro-Rewards where applicable.

PROFESSIONAL BLACK & WHITE

	TECHPAN-25	VP-125	PLUSX-125	TRI-X *400 **320		TMX-100	TMY-400	TMZ-3200	INFRARED	ORTHO	TCN-400 (C-41)	
	USA	USA	IMP. USA	IMP.	USA	IMP.	USA	IMP.	USA	USA	IMP.	USA R.
135-24	—	—	2.09	2.59	*1.99 *2.19	135-24	1.89	2.59	1.99	2.79	—	—	—	2.79
135-24 w/KP	—	—	8.58	9.08	*8.48 *8.68	135-24 w/KP	8.38	9.08	8.48	9.28	—	—	—	9.28
135-36	5.79	—	2.59	2.99	*2.69 *3.09	135-36	2.59	3.09	2.69	3.39	3.39	8.99	5.49	3.29	4.09
135-36 w/KP	—	—	10.98	11.38	*11.08 *11.48	135-36 w/KP	10.98	11.48	11.08	11.78	—	—	—	11.68	12.48
135-100 ft.	—	—	—	24.95	— *24.95	135-100 ft.	—	24.95	—	24.95	84.95	—	42.95	—	—
135-150 ft.	59.95	—	—	—	— —	120	1.95	2.19	1.99	2.29	—	—	—	2.59 USA	2.79
120	4.59	2.19	—	—	*2.09 *2.24	120PP	9.75	10.95	9.95	11.45	—	—	—	**B&W PLUS**	—
120PP	—	—	—	11.75	*11.89 **12.89	4x5-25	—	16.95	—	17.95	—	49.95	—	24 Exp. C-41 2.99 USA	19.95
220PP	—	—	—	25.50	— **26.95	4x5-100	—	62.95	—	66.95	—	—	45.95		4x5-10
4x5-25	35.95	—	—	16.95	— **16.95	5x7-100	—	105.95	—	109.95	—	—	77.95		8.95
4x5-100	—	—	—	62.95	— **62.95	8x10-25	—	54.95	—	57.95	—	—	—		—
5x7-100	—	—	—	104.95	— **105.95	8x10-100	—	—	—	—	—	—	144.95		220
8x10-25	124.95	—	—	54.95	— **54.95	11x14-10	—	49.95	—	—	—	—	—		5.95
8x10-50	—	—	—	107.95	— **108.95										

INTERNEGATIVE & DUPLICATING FILM

	5072, S0279, 4111	SLIDE DUPLICATING ESD 5071, 6121	S0366	COMMERCIAL INTERNEGATIVE 4325
	USA	USA	USA	USA
135-36	7.19	6.99	7.29	—
135-36 w/KP	—	11.28	11.58	—
135-100'	69.95	39.95	60.95	86.95
135-400'	—	—	—	—
4x5-10	9.95	—	—	17.95
4x5-50	—	70.95	—	79.95
5x7-25	—	69.95	—	—
5x7-50	—	—	—	—
8x10-10	35.95	—	—	65.95
8x10-25	—	141.95	—	—
8x10-50	155.95	271.95	—	294.95

B&H PHOTO - VIDEO - PRO AUDIO

THE PROFESSIONAL'S SOURCE FOR PHOTO,

FOR ORDERS CALL: 800-947-9953 212-444-6653

OR FAX (24 HOURS): 800-947-7008 212-239-7770

WE WILL BE CLOSED
APRIL 19-27 AND JUNE 9

On the Web: http://www.bhphotovideo.com

6001 PRO KIT

- Basic 6x6 (120 or 220) SLR
- Electronic shutter 1/1000 to 30 sec.
- Motorized film advance up to 1.5 fps
- TTL flash metering w/SCA system w/auto bracketing setting
- Interchangeable backs, prisms, lenses

Kit Includes: Body, W.L. Finder,80/f2.8 PQ Lens, 120 Magazine and Insert, Battery & Charger

USA..... $2699.99

ROLLEIFLEX 2.8GX EXPRESSION ....USA $3295.00

ROLLEIFLEX 2.8GX 75th ANNIVERSARY
with Gold trim, close-up set and in elegant wooden display box.....USA $3495.00

Rollei

QUICK DIAL 634

NEW PROMOTION FROM ROLLEI!

Buy a 6001, 6003 or 6008! Kit w/1 Lens
Receive a 120, 220 or Poloroid Back FREE! (Up to $950 value)
OR For $100 Receive a 6x4.5 Back ($1200 value)

Buy a 6008! w/2 Lenses
Receive a 80mm f2.8 Lens FREE! (Up to $1750 value)
Or Buy a 6001 or 6003 w/2 Lenses
Receive a 80mm f2.8 Lens For only $300!

These 2 Promotions May Not Be Combined

6008 INTEGRAL KIT

- Full featured 6x6 SLR
- 2.5 fps motorized advance
- Multi-zone, spot, multi-spot metering
- 3 auto exposure modes plus manual
- Auto bracketing
- TTL/OTF auto flash

Kit Includes: Body, W.L. Finder, 80mm f2.8 PQ Lens, 120 Magazine & Insert, Handgrip, Battery & Charger

IMP ..... $3995 USA $4400

6003 PROFESSIONAL KIT

Body, W.L. Finder, 80mm f2.8 PQ Lens, 120 Magazine & Insert, Battery & Charger IMP $3199 USA $3400

LENSES

	IMP.	USA
30/3.5 PQ Distagon	4495.00	4700.00
NEW! 40/4 PQ FLE Distagon	4500.00	4700.00
40/3.5 PQ FLE Super Angalon	3995.00	4200.00
NEW! 50/4 EL Distagon	1950.00	2050.00
NEW! 50/4 PQ FLE Distagon	2950.00	3050.00
50/2.8 PQS FLE Super Angalon	3399.00	3500.00
60/3.5 PQ Distagon	2599.00	2800.00

	IMP.	USA
55/4.5 PC Shift FLE PQ S.A.	7199.00	7400.00
NEW! 80/2.8 EL Planar	—	1449.00
80/2.8 PQ Planar	1399.00	1499.00
80/2.8 PQS Planar	1499.00	1600.00
80/2 PQ Xenotar	3199.00	3300.00
90/4 PQS APO-Symmar	2999.00	3200.00
NEW! 110/2 PQ Planar	3500.00	3700.00
120/4 PQS Macro	2999.00	3200.00

	IMP.	USA
NEW! 150/4 EL Sonnar	1999.00	2200.00
150/4 PQ Sonnar	2199.00	2350.00
150/4 PQS Sonnar	2399.00	2550.00
180/2.8 PQ Tele Xenar	3399.00	3500.00
250/5.6 PQS Sonnar	2799.00	3000.00
300/4 PQ APO Tele Xenar	4199.00	4400.00
75-150/4.5 PQ Varigon	4899.00	5100.00
140-280/5.6 PQ Varigon	5199.00	5400.00

FILM BACKS, INSERTS, VIEWFINDERS & ACCESSORIES

	IMP.	USA
6x6 120	649.00	695.00
6x6 220	749.00	795.00
6x4.5 220	799.00	849.00
Polaroid	499.00	549.00
Film Insert	69.95	
Adapter f/6x4.5 Mag.	180.00	
1.4x Longar	1049.00	1150.00
2x Teleconverter	999.00	1100.00

	IMP.	USA
45° Prism with Case	859.95	925.00
Master Control Unit	999.00	1100.00
Nicad Battery .99.95	Ext. Tube 9mm	359.95
Ext. Tube 17mm		359.95
Ext. Tube 34mm		389.95
Variable Ext. Tube 22-68mm		1199.00
B6 Sky or UV	169.95	B6 Circ. Pol. 329.95
B6 Zeiss Softar 1, 2		199.95

Mamiya®

NEW

645E

- Lowest Priced SLR M.F.
- 645 SLR Integrated Design
- Integrated AE Finder • 120/220 Film Inserts • Elec. Timed Shutter • Exp. Compensation
- 4 Sec. to 1/1000, Bulb, M. UP
- Hot-Shoe On Top Of Finder
- Manual Film Advance Crank
- Includes 80mm/f2.8 Lens & Insert

Kit $1399.95

NEW

645AF

- Advanced 645 Autofocus SLR
- Low Light/Infrared Assist
- Half-Stop Shutter Speeds
- Backlit LCD Displays
- Auto-Retract Shutter Protection
- Magnesium Alloy Body
- 30 to 1/4000, B, T, Adj. Self-Timer
- Auto-Detect 1st Frame Of Film
- Date/Exp. Imprinting Bet. Frames

Body Only $2649.95
645 AF with 80/2.8 AF Pack .$3749.00

645 PRO TL

- 120, 220 or 35 film backs
- Quartz controlled F. P. shutter
- 4 sec. to 1/1000, B+T
- 3-way auto exp. w/AE finders
- TTL film plane flash control
- Optional power winders, finders, screens, backs and lenses

Body Only $1599.00

MFG. REBATE $400 EXPIRES 05-01-00

MAMIYA 7II

- Compact 6x7 • 120 or 220
- Elec. shutter w/flash sync at all speeds 4 sec. to 1/500 sec. & B
- LED viewfinder controls
- Aperture, AE w/manual override
- Interchangeable lenses $1979.00

Body Only After Rebate $1579.00

RB67 PRO SD

- 6x7 SLR w/horiz/vert revolving back • Bellows focusing
- Mechanical lens shutter
- Flash sync at all speeds
- Includes W.L. finder, matte focusing screen
- Interchangeable lenses, finders screens and film backs
- Integrated accessory system

Body Only $1449.00

RZ67 PRO II

- 6x7 SLR with revolving back
- Elec. shutter 8 to 1/400 sec. with intermediate settings
- Optional power winder
- Bellows focusing w/fine focus control • Flash sync
- Interchangeable lenses, finders, screens and film backs
- Wide accessory system

Body Only $1899.00

NEW MAMIYA PROMOTION! EXP. 05-01-00

PURCHASE	RECEIVE FROM MAMIYA
New 645 SVII OR SVXII Pro Value Pack	Cabin 4x5 Light Panel FREE! ($80 Value)
New 645 AF or Pro TL Body	Cabin 4x5 Light Panel FREE! ($80 Value)
New 645 Lens (except 80/2.8 and lens purchased with above outfit)	$100 Cash Rebate
New Mamiya 7 OR 7II Body with any Lens	Cabin 6x7 Slide Projector PLUS Panoramic Adapter FREE! ($1400 Value)
New Mamiya 7 OR 7II Body	$400 Cash Rebate (not applicable to above offer)
New Mamiya 7 OR 7II Lens	$100 Cash Rebate (not applicable to above offer)
New RZ67 Pro II OR RB67 Pro SD Body with any Lens, Back and Prism Finder	Polaroid Back PLUS 120 or 220 Magazine FREE! ($1100 Value)
New Mamiya RZ Pro II Body Only	Cabin 4x5 Light Panel FREE! ($80 Value)
New Mamiya RZ Lens (except 90 & 110mm)	120 or 220 Magazine OR Polaroid Back FREE!
New Mamiya RB Pro SD Body with any Lens and Back	120 or 220 Magazine OR Polaroid Back FREE!
New Mamiya RB Pro SD Body Only	Cabin 4x5 Light Panel FREE! ($80 Value)
New Mamiya RB Lens	120 or 220 Magazine OR Polaroid Back FREE! (not applicable on lenses purchased with outfits)

MAMIYA 7

43/4.5 w/Optical Viewfinder (67ø)	2599.00
50/4.5 w/Viewfinder	1949.00
65/4 (58ø)	1599.00
80/4 (58ø)	1299.00
150/4.5 (67ø)	1799.00
Viewfinder for 150 Lens	219.95
35mm Panoramic Adapter	179.00
Close-Up Attachment	389.00
NPC Polaroid Back	929.95
Pro-T Bracket	99.95
Diopters	18.95

CLEARANCE RB, RZ, C330, 6MF

500/8 RB (Demo Like New) Ltd. Qty.	1999.95
Pistol Grip Model 2	69.95
Focusing Screens f/C330F #1, 4, 5	29.95
NPC Polaroid Back	929.95

RB-67 PRO SD

6x7 120 or 220 Film Back	559.00
6x4.5 120 or 220 Back	599.00
6x7 120-220 Power Drive Back	719.00
6x8 120-220 Power Drive Back	719.00
Mamiya Polaroid Back	469.00
NPC Polaroid Back	198.95

RB LENSES

w/HOOD

37/4.5 (w/4 Filters, no hood) (40.5ø)	2689.00
50/4.5 (77ø)	1639.00
150/4 Soft Focus (77ø)	1629.00
500/8 (105ø)	4549.00
100-200/5.2 (77ø)	3739.00
Kenco 2X Teleconverter	399.95

KL LENSES w/HOOD

65/4 (77ø)	1859.00	75/3.5 (77ø)	1849.00
90/3.5 (77ø)	1599.00	127/3.5 (77ø)	1489.00
140/4.5 (77ø)			1875.00
150/3.5 (77ø)			1479.00
180/4.5 (77ø)			1515.00
250/4.5 (77ø)			1939.00
75/4.5 Shift (105ø)			2999.00

KL-APO LENSES

210/4.5 (77ø)	3329.00
250/4.5 (77ø)	3839.00
350/5.6 (77ø)	4289.00
500/6 (105ø)	5999.00

EXTENSION TUBES

KL Ext Tube #1	449.00	#2	499.00
Auto Ext Tube #1	314.00	#2	344.00

RZ-67 PRO II

RZ67 Pro II Pack—Consists of: RZ Pro II Body, 110/2.8, 120 Back	2999.00
6x7 120 Film Back	635.00
220	645.00
645 - 120 Film Holder RZ/II	645.00
Mamiya Polaroid Back	489.00
NPC Polaroid Back	198.95

RZ LENSES

w/Hood

*37/4.5 (40.5ø)			2689.00
50/4.5 ULD	1729.00	65/4 L.A.(77ø)	1875.00
75/4.5 Short Barrel			1899.00
*75/4.5 Shift (105ø)			3169.00
90/3.5 (77ø)	1389.00	110/2.8 (77ø)	1429.00
140/4.5 LA.(77ø)	1875.00	150/3.5 (77ø)	1489.00
180/4.5 Short Barrel			1249.00
NEW! 180/4.0 Soft Focus			1629.00
180/4.5 (77ø)	1515.00	250/4.5 (77ø)	1939.00
500/8 (105ø)			4549.00
100-200/5.2 (77ø)			3739.00
1.4X Teleconverter			869.00
RZ Tilt Shift Adapter			1499.00
Ext. Tube for Short Barrel Lenses			349.00

*Hood N/A

APO LENSES

210/4.5 (77ø)	3329.00	250/4.5 (77ø)	3839.00
350/5.6 (77ø)	4289.00	500/6 (105ø)	6199.00

ACCESSORIES FOR RZ-67

Winder 2	549.00	AE Prism Finder II	1229.00
Auto Ext. Tube #1	439.00	#2	475.00
Overhead Bracket			269.95
External Battery Case			69.95
L Grip			209.00
3' Electronic Cable Release	72.95	13'	95.00

645 PRO

645 SVX-P/SV PACKS

645 SVX-II Pack Consists of 645 Pro Body, 80/2.8, 120 Back and Prism Finder.....$1999.00
645 SV-II Pack Consists of 645 Pro Body, 80/2.8, 120 Back, SV Power Grip and AE Reflex Viewfinder.....$2699.00
NEW! 645 Pro TL Pack with 80/2.8& AE Prism.....$2999.00

VIEWFINDERS

Waist Lever Finder	149.00
Prism Finder	529.00
SV AE Reflex Finder for 645 Pro and 645 Pro TL	529.00
AE Prism	999.00
Angle Finder	249.00
Flip Up Magnifier	169.95
Universal Flip Up Magnifier	219.95
Focusing Screen 44.00 Diopter	18.95

CLOSE-UP ACCESSORIES

Auto Bellows	1249.00
Auto Macro Spacer	144.00

645 AF LENSES w/HOOD

NEW 45/2.8AF	1069.00
55/2.8AF	949.00
80/2.8AF	639.00
210/4.0 ULD AF	1529.00
300/4.5 APO AF	3199.00

645 PRO LENSES w/HOOD

*24 f4C	2115.00	*35/3.5C (77ø)	1029.00
45 f/2.8S (67ø)	839.00	*50/4 Shift (77ø)	1399.00
55/2.8 (58ø)	665.00	55/2.8LS (67ø)	1619.00
80/2.8LS (67ø)	1299.00	80/1.9 (67ø)	665.00
80/2.8 (58ø)	499.00	*80/4 Macro (67ø)	1055.00
120/4.0 APO Macro (67ø)			1499.00
150/2.8 (67ø)	1469.00	150/3.5 (67ø)	599.00
150/3.8 L.S. (67ø)			1589.00
200/2.8 APO (77ø)	2549.00	210/4C (58ø)	699.00
300/2.8 APO (43.5ø)			12,239.00
300/5.6 (58ø)	1329.00	500/5.6 (105ø)	2395.00
55-110 (67ø)	1829.00	105-210 (58ø)	1699.00
Mamiya 2X	739.00	Kenko 2X	299.00

*Hood N/A

FILM BACKS

120 or 220 Back	429.00	Polaroid Back	429.00
120/220 Back f/645 AF			569.00
Pol. Back f/645AF			429.00
NPC Pol. Back			284.95
35mm Back w/Panorama Adapter			569.00
Revolving Camera Stage			549.00
120 or 220 Insert			91.95

AUTO EXTENSION TUBES

#1	119.00	#2	129.00	#3	139.00

Extended Lens Connector Cable.....76.95

ACCESSORIES

Power Drive Grip	349.00
Power Drive 2	549.00
Left Hand Grip	225.00
Bellows Lens Hood	215.00
Mamiya Pro Bracket	269.95
Infrared Remote Control Set	544.95
External Battery Case	69.95
Safe Sync Hot Shoe	39.95
Mamiya Systems Book	29.95

ACCESSORIES for RB-67 & RZ-67

Prism Finder 2	849.00
Adj. Diopter Magnifier	189.00
Flash Gun Bracket	59.95
Gel. Filter Holder	57.95
Bellows Lens Hood G-3	519.00
Diopter	22.00
Mamiya Systems Book	29.95

PD Prism Finder	1199.00
Mirror-Up Cable Rel.	72.95
Sunshield w/case	72.95
Bellows Lens Hood G-2	189.00
Most Screens	49.95
Quick Shoe Model 3	209.95

MAMIYA FILTERS

UV 77mm ..... 69.00 Sky 77mm ..... 79.00 Polarizer 77mm 99.00

ALL MEDIUM FORMAT ACCESSORIES, IN STOCK

PENTAX

645N Autofocus

- High precision with predictive focus mode
- Focus assist in manual mode
- 4 metering modes • Auto bracketing
- 3 metering modes including spot
- Data imprinting on film edge
- Interchangeable screens & lenses

Body Only $1889.95

67 II

- 6x7 format in 35 SLR design
- Accurate electronic focal plane shutter 1-1,000 sec.
- 120 (10 exposures) or 220 (20 exp.)
- Interchangeable finders and lenses
- Wide accessory range

Body Only $1499.95

CONTAX

645 AF

Body Only $2030.00

645 AF Outfit includes: Body, 80/2.0 Planar, Back & Insert, AE Finder 3999.00

FUJIFILM

GA-645Wi

- Auto and manual focus
- Auto film advance • 120/220 film
- 3 exposure modes
- Full information viewfinder
- Built-in auto flash
- Data imprinting

GA-645wi 45/4
$1259.00

GA-645Zi

- 6x45 AF zoom • Data imprinting
- 55-90mm zoom lens
- Auto film advance • 4 exp. modes: programmed AE, aperture AE, slow sync, manual
- Fuji's 'EL' film barcode system
- Bright Frame zoom viewfinder
- Built-in pop-up flash

$1889.00
Less $200 Mfg. Rebate
Your Final Cost $1689.00

GX-680 III

- 6x8, w/rise, fall, tilt, shift, swing
- MD advance • Electronic shutter
- OTF metering • Changeable finders, screens, 67, 66 & 645 backs and lenses

Body $2729.00
NEW! GX-680 IIIS Body 2195.00

GW-670 III

- 6x7 rangefinder
- 90/3.5 lens
- 1-1/500 sec. T
- 120 or 220 film
- 2 shutter buttons
- Built-in level

$1259.00

GW-690 III
GSW-690 III

- 6x9 rangefinder
- 90/3.5 lens
- 1-1/500 sec. T
- 120 or 220 film
- 2 shutter buttons
- Built-in level

GW-690 III 90/3.5 $1259.00
GSW-690 III 65/5.6 Superwide .. $1278.00

GX-617

- Lightweight panorama 120/220
- 4 interchangeable lenses
- 1-1/500 sec. shutter speeds
- Optional focusing screen
- Flash sync at all speeds
- Electromagnetic release

Body Only
$2663.00

BRONICA

Distributed by TAMRON

ETRSi

- Lightweight and compact 6x4.5 format
- 120 or 220, 35mm standard and wide frame and Polaroid • TTL auto flash with SCA adapter
- Auto, Manual, Avg. or Spot metering w/AE finder
- Mirror lock up and multiple exposure
- 1/500 sec. flash sync • Full accessory system
- Changeable finders, screens, film backs and lenses

Body Only $1072.50
SPECIAL! ETRSi Kit-Includes ETRSi Body, PE75/2.8 Lens, Waist Level Finder & Ei 120 back $2198.00
Buy a complete kit and get a Prism Finder E **FREE**
ETRSi w/120 Back Chrome, **LIMITED EDITION** $1335.00

SQ BASIC

- 6x6 format SLR • Rapid wind crank
- Electronic shutter
- Includes 80/2.8 PSB lens, 120 SQB or 220 SQB film back and W.L. finder S/B
- Interchangeable finders, screens, film backs and lenses

Complete Kit $2179.00
Buy a SQ-B 120 or 220 Kit
and get a Prism Finder S **FREE**

SQ-AI

- SQ Basic's features plus • Optional motor drive
- Electronic shutter • TTL manual or auto exposure
- TTL auto flash with SCA adapter
- Complete viewfinder information
- Film back exposure compensation

Body Only $1209.00
SPECIAL! SQ-Ai Kit—Includes SQ-Ai Body, PS80/2.8 Lens, Waist Level Finder & SQi 220 back $2869.00
Buy a complete kit and get a Prism Finder S **FREE**

GS-1

- 6x7 format for studio or field use
- Advanced electronics
- Auto exposure and TTL auto flash w/AE finder
- Flash sync at all speeds
- Multi-format interchangeable film back system, 6x7, 6x6, 6x4.5 and Polaroid
- Mirror lock up and multiple exposures
- Fully automatic exposure with AE finders
- Complete line of accessories
- Interchangeable finders, screens, film backs and lenses

Body Only $1688.50

HASSELBLAD

Authorized U.S.A. Dealer
3-YEAR HASSELBLAD WARRANTY

202-FA

- Three automatic modes and two metered manual modes
- Accepts optional 1.3 fps motor winder
- Selective area TTL metering
- TTL/OTF flash metering with fill-in flash function
- Shutter speeds from 34 min. to 1/1000 sec.
- Accepts all finders, magazines, FE, CFE, CF and CFi lenses

Body Only $3334.00

203-FE

- Electronic focal plane shutter 34 min. to 1/2000 sec. plus B
- Aperture priority AE
- Auto bracketing w/acc. winder
- Full manual with differential info
- 2-60 sec. self timer delay
- TTL flash with over/under exp.
- Interchangeable finders, screens, film backs and lenses

Body Only $5626.00

205-FCC

Features of 203-FE plus:

- 1% spot metering
- Zone and Differential mode, metering in aperture priority AE mode

Body Only $7340.00

501-CM

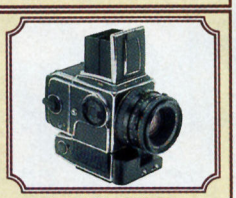
- Totally mechanical entry level medium format camera
- GMS for full image viewfinder
- Interchangeable finder, focusing screens, lenses and film backs
- Incl. W.L. finder, Acute matte screen

Body Only $1585.00

503-CW

- Fully mechanical
- 120, 220, 70mm, 6x6, 6x4.5 and Polaroid film backs
- Accepts optional CW winder with IR remote control
- TTL/OTF flash control
- Gliding Mirror System
- Interchangeable finders, screens, film backs and lenses

Body Only $1887.00



555 ELD

- Built-in 1.3 fps heavy duty motor film advance
- Integrated Databus connections for digital backs
- Front release port f/digital backs
- 5 different motor/mirror function modes
- Optional infrared remote triggering unit
- Accepts all finders, CF, CFi, CFE lenses and film magazines

Body Only $2995.00

903 SWC

- Zeiss Biogon 38mm lens
- Virtually distortion free
- Interchangeable film backs
- Optical viewfinder included
- Compact size

Body, Lens, Finder $5236.00

FLEXBODY

- All mechanical bellows body permits +/-14° shift, +/- 28° tilt adjustments
- Accepts all CF lenses, finders and magazines

Body Only $2332.00

ARCBODY

- Tilt and shift body, 28mm shift, +/-15° tilt
- Built-in spirit level
- 35, 45, 75mm available lenses
- Accepts all finders and film magazines

Body Only $2801.00

Your Credit Card Will Only Be Charged At Time Of Shipping For Items Actually Shipped

©2000

ADORAMA

42 West 18th Street • New York, NY 10011

ORDER TOLL FREE • USA ✧ CANADA
800-223-2500
ORDERS & INFORMATION
212-741-0052
FAX # 212-463-7223
Email: info@adoramacamera.com

#51 for Spanish

MAIL ORDER HOURS
MON.-THURS. 9 TILL 9:30 PM EST
FRI. 9-1:30 • SUNDAY 9:30-6
STORE HOURS: MON.-THURS. 9-7pm
FRI TO 1:15 • SUN 9:30-5:30
STORE: 212-675-6789
CUSTOMER RELATIONS
800-815-0702
212-741-0466
Mon-Thur. 9:00-4:30, Fri 9-1 Sun. 11-2 EST

www.AdoramaCamera.com

All Orders are Shipped Via UPS 3 DAYS Select

Video Imaging

MAIL ORDER HOURS: MON-THURS. 9 TILL 9:30 PM EST

Binoculars

Pro-Optic Provis Binoculars

Provis Series Binoculars
Deluxe, Lightweight, with enhanced Multi-Coatings Provis Series Binoculars are full-sized binoculars in a compact and lightweight high-quality cast-aluminum alloy housing with a soft leatherette covering These binoculars are engineered by one of Japan's largest manufacturer of high-quality optics to provide images which would rival many famous european brands which cost 2 to 3 times as much

Features:
- BAK-4 glass porro prisms. These are the top-of-line in binocular prisms • Full Multi-Coating. Every air-to-glass surface is multi-coated to increase light transmission, better image contrast and color balance • Soft grey leatherette covering • Threaded to accept tripod adapter • Long eye relief, ideal for eyeglass wearers • Roll down rubber eyecups • Supplied w/ a deluxe hard carrying case • Rated "Exceptional Inspection Standard" by the Japanese J.T.I.I.

Provis 8x42
4.92" Height by 6.85" width. Weight 22.2 oz., 16mm Eyerelief, 6.5 degree Field of View, Near focus 16', **139.95**

Provis 7x50
6.42" height by 7.24" width. Weight 27.8 oz., 23mm Eyerelief, 6 degree Field of View, Near focus 26' **124.95**

Provis 10x50
6.22" height by 7.24" width. Weight 27.8 oz., 16mm Eyerelief, 5.3 degree Field of View, Near focus 26', **139.95**

PRO-OPTIC Binoculars 25 Year Warranty

Optima 42mm large aperture roof prism binoculars.
These binoculars feature
- High index BAK-4 glass prisms
- Fully multi-coated optics • Long eye-relief, great for eye glass wearers.
- Large focusing knob • Black rubber armor
- *Supplied with deluxe leatherette case & neck strap*

	Field of View	Eye Relief	Close Focus	Size	Weight oz.	
7x42	6.5°	22mm	19.7'	6.2x5.3"	24.4	139.95
8x42	6.3°	19mm	16.4'	6.2x5.3"	24.3	144.95
10x42 Wide Angle	6.5°	12mm	14.7'	6.2x5.3"	24.7	149.95

GIANT BINOCULARS with case
Fully Multi-Coated Binoculars. Large objectives high quality BAK-4 prisms will provide you with breathtaking wide-field observation of astronomical objects as well as terrestrial viewing under low light conditions.

11x70	169.95	16x70 –	174.95
11x80	259.95	20x80	259.95
	SUPER GIANT		
14x100	849.95	25x100	899.95

Night Owl Nightvision

BINOCULARS 30,000X 4X Mag. Compact

NH4 Night Hawk 30,000X 4X Magn 399.95
30,000X Goggles 1X Mag. Focuses as close as 9" 574.95

MONOCULARS 399.95

Night Owl Cyclops Emerald™ 174.95
With Camera Adapter

Compact **5X** Magnification 10,000X Light Mag. 249.95
NOCX3 Explorer water Resistant 3.1X Mag. 15,000X 199.95
NOCX5 Explorer water Resistant 5X Mag. 15,000X 274.95
NONO3 Odyssey water Proof 3.1X Mag. 15,000X 249.95
Lens Doubler 34.95 Camera Adapter 34.95

- 15,000 Light Magnification • 3 1x Image Magnification
- Premium performance and styling
- The highest quality optics designed and coated specifically for night time use • Powerful integrated infrared illuminator

RARE BIRD
By Tasco *Audubon Approved*
Lifetime No Fault Warranty

7x42	69.95	8x40	99.95
8x42	244.95	10x42	109.95
8x25	99.95	9x25	74.95

TASCO

TSNV-360 Monocular 279.95
2x Doubler F/360 49.95
Camera Adapt. F/360 49.95

MINOLTA

STANDARD (Rubber Coated)
10x50 Classic 59.95

POCKETS
8x22 49.95 10x25W 59.95

COMPACT
10x25 59.95 8-17x25 89.95

Ultra COMPACT
6x16 79.95 8x18 89.95

WATERPROOF
8x25 79.95 10x25 94.95

ACTIVA
7x50 119.95 8x40 119.95
10x50 129.95 12.x50 134.95
8-20x50 159.95 8x25 76.95
10x25 84.95 12x25 94.95
7-15x35 139.95 10-30x27
139.95 8-22x27 119.95

Nikon

Laser Ranger
800 Laser Ranger 284.95

Sprint
7x21 57.95 9x21 59.95

New Travelite V w/case
9x25 84.95 8x25 79.95
10x25 89.95 12x25 99.95

SPORTSTAR II
8x20 57.95 10x25 62.95

AS Diplomat R.C. w/Case
10x25 154.95

Mountaineer II ATB
8x25 Mountaineer 159.95
10x25 Mountaineer 189.95

Titanium
5x15 Titanium Binocular 359.95

Monocular
6x15 Monocular II 69.95
5x15 Titanium 159.95
7x15 Titanium 174.95

ADVENTURER SERIES
8x25 54.95 10x25 69.95

ATTACHE SERIES
8x42 164.95 10x42 184.95

ACTION SERIES
7x35 76.95 7x50 94.95
8x40 89.95 10x50 104.95
12x50 117.95

E-SERIES w/case
8x30 E 259.95

SUPERIOR E-SERIES
8x32 474.95 10x42 589.95
10x42 609.95 12x50 639.95

Monarch Waterproof
8x40 214.95 10x40 234.95
New 10x50 199.95

Sea & Sport R/C
7x50 IF 209.95
7x50 IF w/Compass 269.95
7x50 IF Tropical HP 449.95

OceanPro WaterProof
7x50 CF 164.95
7x50 CF w/Compass 209.95

Zoom
8-20x25 Compact 119.95
10-22x50 Engle View 139.95
7x15x35 Scoutmaster II 119.95

Pentax

UCFV
8x24 Call 10x24 Call
12x24 Call 16X24 Call
8-20x24 Zoom Call
8-16x21 Zoom Call

Weather Resistant UCF
8x24 Call 10X24 Call

PCF III
7x35 Call 7x50 Call
8x40 Call 10x50 Call
8x42 Call 16x50 139.95
20x50 154.95 20x60 Call

UCF Mini
8x21 Call 10X21 Call

ULTRA COMPACT FB
8x18 Call 10x18 Call
New 6-12x17 FB Call

DCF High Resolotion
8x42 Call 10x42 Call
12x42 Call

DCF Waterproof
8x32 Call 8x42 Call
10x42 Call

DCF Compact
8x22 Call 10x25 Call

CELESTRON PRECISION OPTICS

GIANT
20x80 Standard 269.95
20x80 Deluxe Call

REGAL Fully Multi Coated
8x42 Call 10X50 Call

ULTIMA
8x32 Wide Angle Call
7x50 Call 8x40 Call
8x56 Call 9x63 Call
10x50 Call

Traveler Multi Coated
10x25 46.95 8x21 36.95
7x16x25 Zoom 64.95

Monocular
8X25 34.95

Leica

USA Passport Warranty

Compact Series
8x20BCA Call 8x20BC Call
8x20BC Titan. Finish Call
10x25BCA Call 10x25BC Call
Case for Compacts Call

NEW GENERATION with Case
7x42BA Call 8x32BA Call
8x42BA Call 8x50BA Call
10x32BA Call 10x42BA Call
10x50BA Call
12x50 BA Call
Binocular Holster Case Call

GEOVID
$500 MFR Rebate on Geovids
Exp. 7/31/00
7x42 BD Geovid (Yard) Call
7x42 BDA Geovid Call

New Laser Range Finder
Laser Range Finder 800 399.00

FUJINON

80 w/20X-60X Call
80 ED w/20-60X Call

Canon

$50.00 MFR Rebate on IS Binoculars
Call fExp.

Image Stabilized
18x50 Call 15x50 Call
15x45 Call 12x36 Call
10x30 Call

Waterproof
8x32 129. 8x23 84.

Compact
8x22 69.95 10x25 69.95
8x23 Porro Prism 44.95

Ultra Compact
5x17 59.95 7x17 74.95

FUJINON
F-SX SERIES
7x50 FMT SX Call
7x50 FMTR SX Call
7x50 FMTR CSX Call
8x30 FMTR SX Call
10x70 FMT SX Call
16x70 FMT SX Call
Tripod Adapter 19.95

BIRDING SERIES (BFL)
8X42 229.95 10X42 234.95

CD WATER PROOF RP
7X42 Call 8X42 Call
10x42 Call

TECHNO STABI
14x40 1099.95

ZEISS
USA Warranty

DIAFUN
New 10x30 449.00
8x30 Call

Monoculars
5x Mini Quick Call

Designer Series w/Case
8x20 Call 10x25 Call
7x45 Call 8x56 Call
10x56 Call

Classic Series Includes Case
8x20 Call 10x25 Call
Classic Rubbeized **w/Case**
7x42 *Call 8x30 IF Call
8x30 CF *Call 8x56 *Call
10x40 *Call 30x60 *Call

KENKO
12-5-50x25 Zoom World's Longest Zoom Bin Only 129.95

SWIFT
BINOCULARS

BIRDING SERIES
8.5x44 Audobon 219.95
8.5x44 ED Audobon 414.95
8.5x44 Roof Prism Audo. 344.95

Ultra Lite
8x42 188.95 10x42 199.95
9x63 304.95 8x44 ED 319.95

Tele Vue
RANGER
70mm ED Reflectors 569.95

Spotting Scopes

CELESTRON PRECISION OPTICS

C90 Multi Coated 299.95
C90 M/C RC w/1 25" Call

C5 5" Spotting Scope Call
New 80mm Wide Field Call
15-45X60 Wildlife Call
15-60 Pro Zoom Call
Ultima 80 Call
Ultima 65 129.95

PRO OPTIC

New 15-45x 60mm Fieldstar Spotting scope outfit fully coated, 2.25°F.O.V. at 15x, long eye relief (33mm at 15x) weighs only 25 oz, Rubber Coated includes case & table top tripod 139.95

New 15-45x Angle Spotting Scope Kit w/Case & Table Top Tripod 149.95

Nikon
FieldscopeS
60mm III 349.95
60mm III Angle 409.95
60mm III ED 609.95
60mm III Outfit w/Tripod & Zoom 599.95
20-45x Zoom Eyepiece 164.95
30x W.A. Eyepiece 114.95

Waterproof Spotters
16-47 x 60 XL 379.95
16-47 x 60 XL Kit with Tripod & Case 419.95

Sky & Earth SERIES
Body Only 149.95
20X Scope 179.95
15-45x Zoom Scope 269.95
Angle Scope w/o Eyepiece 154.95

KOWA 82mm

w/20 to 60x Zoom
TSN-821 629. TSN-822 594.
TSN-823 1039. TSN-824 999.

W/O Eye Piece
TSN-821 399.95 TSN-822 364.95
TSN-823 814.95 TSN-824 769.95
27x L.E.R. 129. 32x w.a. 189.
20-60x Zoom Eyepiece 249.95
PA2-C 82mm Photo Adapt. 169.95
20-60x f/60mm 129.95

Leica
Spotting Scopes
77mm Spotting Scope Call
77mm Spot. Scope APO Call
20-60 Zoom Eyepiece Call

BUSHNELL
DIVISION OF BAUSCH & LOMB

DISCOVERER

Discoverer 15x60 Zm 179.95
Camera Adapter 14.95
Case f/Discoverer 19.95
Nature View 15-45X 124.95
Car Window Mount 34.95

SPACEMASTER 60mm
78-1800 Basic 149.95
78-1817 Basic Kit 247.95
78-1200 Rubberized Arm 163.95
78-1217 Rubberized Kit 259.95
78-2317 RC Zoom 229.95
78-2318 RC L.E.R. Zoom 224.95
78-1821 RC L.E.R. ZM Kit 264.95
15,20,25,60X E.P. 33.95
15-45X Zoom Eyepiece 89.95
20-45X L.E.R. Zoom 89.95

ELITE Waterproof
15-45 60mm w/Case Call
20-60x 70mm w/Case Call
20-60x 80mm w/Case Call

77mm ELITE
61-7700 77mm ED with 20-60x Zoom 599.95

BUSHNELL
DIVISION OF BAUSCH & LOMB

YARDAGE PRO
600 Compact 279.95
500 Deluxe Call
800 Compact Call
1000 Call

RANGEFINDERS
75 Yard 39.95

BIRDER
8x40 Birder Outfit w/Case, Strap & Birdwatching Guide 36.95

NATUREVIEW
8x30 71.95 8x42 79.95
10x42 96.95

Xtra-Wide
7x32 89.95 4x21 64.95
10x50 74.95

BAUSCH & LOMB

CUSTOM
8x36 CF Call 10x40 CF Call
9x26 Compact Call
7x26 Compact R/C Call

Elite w/P-C Coating
Rubber Armored w/Case
8x42 Call 8x50 Call
10x42 Call 12x50 Call
7x24 Compact Call
10x28 Compact Call

New Legend
8x42 239.95 10x42 249.95

VIDEO & DIGITAL IMAGING

Panasonic

PRO CAMCORDERS
AG-DP800H S-VHS 3 Chip Call
AG-EZ30 3CCD Dig. Cam. 1699.95
AG-EZ1 3CCD Digital Call
AG-188U 14x Zm VHS Call
AG-196 14x Zoom 999.95
AG 456 S-VHS Pro Call

Pro VCR's
AG-1330 4 Hd VCR 199.95
New AG-2560 4 HD VCR 309.95
AG-5710 Hi-Fi RS-232 VCR Call
AG-1980 S-VHS Hi-Fi Edit 979.95
AG-W2 World wide conv. 1759.95
AGA-96 Edit Controller 369.95
AGA-350 Edit Controller Call
AG 710 Compact DC VHS Call
AG 720 Compact DC VHS Call
AG 750 Compact DC VHS Call
AG DS 545 S-VHS 2679.95
AG DS 555 S-VHS 3249.95
AGDV2000 DV VCR 1999.95

VHS-C Camcorders
PVL 559 3.0 Screen Call
PVL 659 4.0 Screen EIS Call
PVL 759 4.0 Screen EIS Call
PVL 859 4.0 Scrn 20x ZM Call
PVD 910 Digital Call
New PVDV-950 3CCD Digital Call
TTL 7 Titler Call
PV 9667 4HD Hi-Fi Call

VCR's
PV 9450 4HD Hi-Fi Stereo Call
PV 9451 4HD Hi-Fi Stereo Call
PV 9661 4HD Hi-Fi Stereo Call
PV 9664 4HD Hi-Fi Stereo Call
PV-S 9668 S-VHS Hi-Fi Stereo Call
PVS 9670 S-VHS Hi-Fi Call

PRO Monitors
CT-1331Y 13" Call
CT-1386Y 13" 249.95
CT 1386 VY w/Tuner 289.95
CT-2086VY 359.95
CT-2086Y 369.95

Canon

Optura Dig. Cam. Call
XL1 3 Chip Digital Pro Cam. Call
ZR Digital Mini Call
ELURA Mini DV w/2.5 LCD Call
VISTURA Digital Camcorder 799.95
ULTURA Digital Camcorder 799.95
ES4000 Hi-8 22X Opt. 44X Dig Stab Clr VF 599.95
ES2500 Hi-8 Stab. 469.95
ES7000V Hi-8 w/3.5 Scrn Call
ES300V 8mm w/3.5 Scrn Call
ES 190 8mm 22x Call
ES290 8mm 22x Call
ES400V16x 320x Dig 2.5LCD Call
ES8000V Hi-8 22x440xStereo Call
ES6500V Hi-8 22x 440x Call

SONY

AUTHORIZED SONY U.S.A. DEALER
we carry a full line of Sony products for immediate delivery
- *All equipment complete with accessories as supplied by Sony*
- *Call for the Best Prices*

JVC

Camcorder's
GRAX-640 Stab.16X Optical Call
GRAX-840 Stab.16X 50x C.F. Call
GRAX-M310 2.5 LCD 16x 320x Call
GRAX-M710 Dul. Cam. 2.5 LCD Call
GRAX-M910 Dul Cam 3" LCD Call
GRDV-9500 Digital w/4" Flip out Screen 22x Zoom Call
GRD-VM50U Dig w/2.5" Still Call
GRD-VM70U Dig w/2.5" Still Call
GRD-VA1 16x DV Camcordr 419.95
GRD-VF10 2.5" Scrn DV 599.95
GRD-VF21-16x 2.5 LCD Call
GRD-VF31-16x 3 LCD Call
GRD-VX Pro Digital w/Docking Sta. w/2.5" Flip-Out Screen 999.95
GVD-52 Docking Station 99.95

VCR's
HRS-4600U S-VHS VCR Call
HRS-7600U S-VHS VCR Call
HRS-9600 S-VHS VCR Call

CLOSE OUT SALE

Sony TRV-12	449.95	Sharp VLE-600 8mm	329.95
Sony TRV-82 Hi-8	699.95	JVC GRDVA1 DV Camcorder	599.95
Panasonic PV-54 VHS-C	.	JVC DUX Pro Mini DV	1199.95
		JVC GRDVL 9000 DV w/Cam.	999.95
		JVC SLVM20HF VHS Stere. VCR	199.95

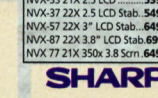
SONY PRO
SVO1430 VHS VCR Call
SVO1520 4 HD VHS VCR Call
SVO1630 4 HD VHS VCR Call
PVM9040Q 8" Port Call
PVM14M2U 14" Clr Monitor 965.00
PVM14N5U 14" Clr Monitor Call
PVM14N6U 14" Clr Monitor Call
PVM20N5U 19" Call
PVM20N6U 19" Call
PVM5042Q 5" Port Mount Call
DSR200 Digital Camcorder Call
DSR300 3CCD DVCAM Call
DSRPD 100 3CCD Camcorder Call
DSRV10 Digital Walkman Call
DSR20 Port Digital VCR Call
DSR30 Digital VCR Call
FXE 120 SEG. Call
PVE 500 A/B Roll Cont. Call
UVW 1800 Beta SP Edit VCR Call
UVW 1600 Beta SP Feeder Call

PAL SYSTEM EQUIPMENT

SONY
TRV 26 w/2.5"Scrn 220x 499.95
TRV 27 w/2.5"Scrn 230x 589.95
TRV 46 w/2.5"Scrn HI-8 619.95
TRV 66 HI-8 w/2.5"Scrn 659.95
TR 110 Digital 8 w/3.5"Scrn Call
TR 310 Digital 8 w/3.5"Scrn Call
TRV 410 Digital 8 w/3.5 Scrn Call
TRV 510 Digital 8 w/4" LCD Call
VX 1000 3 Chip Digital Call
DCR-PC1 Mini Dig. w/2.5 Scrn 1379.
DCR-PC3 Mini Dig. 1589.95
TRV-10 Digital Mini 1479.95
TRV-8 Digital Mini 1289.95
TRV-900 3CCD Mini DV Call

PANASONIC
VHS-C Camcorders
NVX-33 21X 2.5 LCD 539.95
NVX-37 22X 2.5 LCD Stab. 549.95
NVX-57 22X 3" LCD Stab. 649.95
NVX-87 22X 3.8" LCD Stab. 699.95
NVX 77 21X 350x 3.8 Scrn 649.95

SHARP



8mm CAMCORDERS
VLE-630 8mm 3" LCD 16x Call
VLE-680 8mm 3" LCD 16x EIS Call
VLH-860 Hi-8mm 3"LCD 22x EIS Call
VLH-875 Hi-8mm 3"LCD w/Touch Scrn Call
VLH-880 Hi-8mm 3.5"2x w/Touch Scrn Call
VLH-990 Hi-8mm 3.5 Call

ACCESSORIES
BT-H11UP NI-MH Battery 79.95
BT-L1UP Lithum ION Batt.240 89.95
BT-77UP 1 Hr. Nicad Batt. Pk 39.95
VR-FA100P Tripod Adpt. 29.95
VR-30ADP Video Light Adpt. 39.95
VR-30L/P Video Light 49.95
VR-410PCNP Protective Cover 59.95
VR-31CAUP Car Batt. Adpt. 59.95
VR-TC37 37mm Tele Lens 49.95

HEADQUARTER for your INK-JET PAPER & INKS

ADORAMA PRO JET		4x6	8½x11	11x17	13x19	16½x23.4
Dual Sided Matte	20 Sheet	–	8.49	14.99	19.95	29.95
Dual Sided Matte	50 Sheet	6.99	15.49	29.95	–	49.95
Glossy HW 9M	20 Sheet	–	8.99	15.99	19.50	29.95
Glossy HW 9M	50 Sheet	–	17.95	32.50	–	–
Glossy MW	50 Sheet	–	11.99	19.95	–	–
PQ Ink Jet Paper	100 Sheet	–	8.99	19.99	–	–
Projet Coated Velour Art	20 Sheet	–	12.49	26.99	29.90 (7x22)	44.95
Projet Coated Velour Art	50 Sheet	–	24.49	43.99	54.99 (7x22)	89.90
Projet Velour Art Paper	20 Sheet	–	11.99	23.95	26.69 (7x22)	39.95
Projet Velour Art Paper	50 Sheet	–	21.99	39.95	49.95 (7x22)	74.99
Canvas	10 Sheet	–	19.95	39.95	59.95	–
Rolls Dual Sided Matte 16.5"x50'		38.99		Dual Sided Matte 13"x50'		32.95
Glossy 16.5"x50'		38.99		Glossy 13"x50'		32.99

PICTORICO	8½x11	11x17	13x19
Photo Glossy (20)	12.99	(20) 24.95	(20) 27.95
Gallery Film (40)	58.95	(20) 58.95	(20) 74.95
Adhesive Film (20)	19.95	–	(20) 42.95
Overhead Transparency (15)	16.95	–	–
Premium Canvas (10)	19.95	–	(15) 59.95
Poly Silk (10)	16.95	(15)	49.95 (15) 59.95
Water Color (20)	14.95	(20)	26.95 (20) 34.95
Sample Pack	12.95		

EPSON INK CARTRIDGES
- # 020108 Black Cart for Stylus 800/1520 20.99
- # 020089 Color Cart for Stylus 400/600/800/1520 25.49
- # 020093 Black Cart for Color 400/600 Stylus Photo/EX 18.99
- # 020110 Color Cart for Stylus Photo /EX 16.49

Ink Cartridges for Stylus 3000 Yellow/Cyan/Magenta/ Black 55.99
- # 020189 Color for 7401 21.99
- # 020187 Black for 440, 640, 750, 1200 19.79
- # 020191 Color for 440, 640,750 23.29
- # 020193 Color for 750 17.95
- # T001011 Color for 1200 25.95

CALL US FOR OUR BIG SELECTION OF DIGITAL IMAGING EQUIPMENT & DIGITAL IMAGING WORK STATION RENTAL
800-8-ADORAMA • 212-647-1500

Prices Valid to May 10, 2000

ADORAMA'S ADVERTISED PRICES INCLUDE ALL MFR. ACCESSORIES & ARE FULLY WARRANTIED. ORDERS SHIPPED PROMPTLY

Dial & Direct Video Dept. #44

Your Credit Card Will Only Be Charged At Time Of Shipping For Items Actually Shipped

HOYA FILTERS

SPECIAL OFFER

Buy 3 Filters and get 10% off

Buy 5 Filters and get 15% off

SOFTENER

INTENSIFIER

POLARISING

HOYA, THE WORLD'S LARGEST MANUFACTURER OF TOP-QUALITY OPTICAL GLASS

- HOYA filters are available with Single Coating which improves light transmission to about 95%;
- Multi-Coating with three layers to each side, with an average 99% light transmission.
- SUPER Multi-Coatingfilters, with six layers of coating to each side, which virtually eliminates reflection problems by allowing a average of 99.7% light transmission.
- You can see the difference. Photos taken using HOYA HMC filters have greater brilliance, and richer, more pure colors.

CIRCUALR POLARIZERS

- Removes unwanted reflections from non-metallic surfaces such as water, glass etc. They also enable colors to become more saturated and appear clearer, with better contrast.

CROSS SCREEN & STAR FILTERS

- Adds a dramatic four-cross flare to very bright areas, giving a soft-focus effect. STAR-SIX (six-pointed light flares) and STAR-EIGHT (eight-pointed light flares) can also be used for a variety of effects.

FLD/FLW

- FLD Corrects the greenish tone that appears when daylight type films are used under fluorescent lighting.
- FL-W is for use with warm white or white type fluo-rescent lamps

SOFTENER (A AND B)

- Creates a picture with a clear focus and a soft gradation, and this effect is especially evident with an object with a point light source.
- Color reproduction is easy, and there is no need for exposure adjustment.

INTENSIFIER

- Enhances red, orange and brown subjects to give more color saturation and contrast, while having very little effect on other colors. It can be used in many situations such as architecture where certain building features need emphasising, or for landscapes to enhance foliage and rocky features.

FL-W • FL-DAY

STAR SIX/EIGHT

	39/40.5 43mm	46 mm	49/52 55 mm	58 mm	62/67 mm	72 mm	77 mm	82 mm	B60
Skylight (1A) / UV	18.95	10.00	10.00	11.95	19.00	28.00	32.00	44.95	
Soft A or B(Graduated Softner)		–	24.95	28.50	41.95	47.95	49.95	–	
Polarizer	29.95	16.95	16.95	19.95	22.95	34.50	40.50	52.00	74.95
Circular Polarizer	29.95	28.95	28.95	34.00	49.00	58.95	69.95	92.00	
FLW / FLD		14.95	13.95	16.95	25.95	34.00	41.00		
Cross Screen 4-Point		14.95	14.95	17.95	26.95	34.50	41.95	52.50	
Star 6 (6 Point), Star 8 (8 Point)		–	20.95	23.95	34.50	40.50	44.95	–	
New Sepia A or B		–	29.95	38.95	41.95	51.00	56.95	–	
Intensifier/New Green Intensifier		–	32.95	41.95	53.95	59.95	71.95	–	
Center ND Filter		–	–	–	209.95	254.95	299.95	–	
Multi-coated Filters									
Skylight (1A) / UV		13.95	13.95	16.95	24.95	31.95	38.95	50.95	64.50
Circular Polarizer		49.95	53.00	59.00	73.95	99.00	134.00	Call	
Orange/Red/Green/Yellow/Y44/Y52	–	19.00	22.00	31.00	37.00	44.00	53.00	–	
80A/B/C, 81A/B/C, 82A/B/C, 85A/B/C	–	19.00	22.00	31.00	37.00	44.00	53.00		
ND2X, 4X, 8X		19.50	19.50	22.50	31.50	37.50	44.95	53.95	
FLW / FLD			19.50	22.50	31.50	37.50	43.95	–	
Super Multi-Coated Filters									
Skylight (1A) / UV		–	22.50	28.50	34.50	39.95	44.95	–	
Circular Polarizer.Slim Mount	–	–	59.95	64.95	79.95	119.95	149.95	189.95	
ND2X, 4X,		–	22.50	28.50					
New Ultra Thin Multi-coated Filters									
Skylight (1A) and UV			–	28.95	34.95	41.95	44.95	–	
ND2X, 4X, 8X			–	27.95	33.95	41.95	44.95	–	
Circular Polarizer / UV Hybrid		–	67.50	82.50	119.95	149.95	–		

Tokina LENSES

LENS	Man. Focus	Maxxum	EOS	Nikon AF	Pentax
17/3.5	Call	—	—	—	—
17/3.5 ATX AF	—	329.95	329.95	329.95	—
New 17/3.5 Pro ATX	—	429.95	429.95	429.95	—
28/2.8	Call	—	—	—	—
100/2.8 ATX AF Mac	—	379.00	379.00	379.00	—
300/4 ATX APO AF	—	429.00	429.00	429.00	—
300/2.8 ATX APO	—	2299	2299	2299	—
400/5.6 ATX APO AF	—	374.95	374.95	—	—
19-35/3.5-4.5	—	129.95	—	—	—
New 19-35/3.5-4.5	—	199.95	199.95	199.95	199.95
20–35/3.5–4.5 Mac AF	—	259.95	259.95	Call	259.95
20–35/2.8 ATX PRO	—	739.00	739.00	739.00	739.00
28–70/3.5 Macro SD	124.95	—	—	—	—
28–70/2.6-2.8 ATX Pro	—	439.00	439.00	439.90	439.00
28–105/3.5-4.5	179.95	159.00	159.00	159.00	159.00
28–210	—	134.95	134.95	144.95	—
28–300 4/6.3	—	209.95	209.95	209.95	—
35-300/4.5-6.7 SD	—	209.95	209.95	209.95	199.95
70–210/4–5.6 Macro	124.95	—	—	—	—
75–300/4.5–5.6	164.95	—	—	—	—
80–200/2.8 ATX APO Pro	—	759.95	759.95	759.95	759.95
80–400/4–5.6 ATX APO	—	549.95	549.00	549.95	549.95
100–300/4 ATX AF	—	Call	Call	Call	—
New 100–400/4.5-6.7	—	219.95	219.95	219.95	—
150–500/5.8 ATX	Call	—	—	—	—
2X Teleconverter	84.95	119.95	119.95	119.95	119.95

KENKO AF MULTI COATED CONVERTERS

Available for Nikon AF, EOS, Pentax AF & Maxxum

MC-4 2X.....79.95 MC-7 2X142.95

1.5X..... 74.95

KENKO MANUAL MULTICOATED CONVERTERS

for Canon, Nikon, Minolta DX, OM

MC-4 2X60.95 MC-7 2X99.95

MACRO CONVERTORS

2X Macro Convertor ...139.95

MACRO ADAPTERS

1.4X Canon FD To EOS or Nikon Adapter Nikon to EOS and Maxxum Each 89.95

Adapter for Hasselblad Lenses to Nikon/Canon SLR Each .99.95

Kenko Auto Extension Tube Set for AF SLR's

Perfect coupling with TTL metering and AE mechanism! (use with manual focus function) Set of 3 tubes and can be used singly or combined in seven magnification strengths. The set consists of: 36mm, 20mm and 12mm Auto Tubes

Available for: Canon EOS, Minolta AF, Pentax AF

Please Specify **109.95**

Fully automatic extention tube set for NIKON Auto-Focus **149.95**

Sunpak PZ4000 AF

139.95

- Motor driven zoom head automatically adjusts to match the focal length of the lens in use.
- Guide number of 132 at ISO 100
- Available for: *Nikon Canon and Minolta Camera System.*

SLIK

NEW CARBON FIBER SERIS

- Extremely light-weight
- Weights Only 2.6 Lbs.
- Supports 11 lbs
- Maximum height is 60.2"
- Minimum operating height is 14.6"
- 3 position leg angles • 1/4" & 3/8" head mounting stud available in 2 versions

Pro 803 CF 3 Section Tripod (Folds to 22") **299.95**

Pro 804 CF 4 Section Tripod (Folds to 17.7") **329.95**

New Deluxe Green Tripod Slik Snapman G/T w/Ball Head **99.95**

EXPOSURE METERS

ADORAMA

1° Spot Meters

Professional 1° Spot Meter gives a perfect exposure reading on the Exact area where a light reading is required. That way you can measure the key areas of the subject you're photographing . Comes with eyecup, strap and case.

Adorama 1° Spot Meter **199.95**

Adorama 1° Digital Spot Meter **249.95**

Flashmeter 2 **79.95**

- Flashmeter accurately measures flash incident output especially useful when using more than one flash • Red LED indicates correct F Stop to use • Range F2 to F22 Accessory Remote Cord 8.95

Match Needle Exposure Meter **32.50**

- Reflected light readings
- Automatic match-needle operation
- Selenium Cell

Match Needle Lock Exposure Meter **69.95**

- Reflected and incident light readings • Needle Lock button
- Hi-Lo switch • Built-in battery checker
- Cds metering • with strap and case

Flashmeter 3

- Measures single, muliple, incident or reflected flash f/stop accuracy sensitivity range F2.8-32 ISO/100
- Range F1.0-64 in 1/2 stop increments
- Particularly useful in bounce and multiple flash setups where exposure cannot be easily determined on the basis of calculations

139.95

New L-508 Flash & Ambient Meter

469.00

Sekonic

L188	85
L398M Studio w/c	179
L308 B II Dig. Flashm.	269
L318 Digi Light	239
L328 Digi Lite F	299
L-408 Multi Flashmtr	359
L718 Digi Pro	239
L778 Spot Flash	749

SEKONIC ACCS.

L318/328 5° viewfinder	99.
L398 Slide set (11)	45
L718 5° viewfinder	119
"T" Sync Cord	26.
L-428 Microscope Att.	9.95
L-418 Viewfinder	9.95
L-428 Viewfinder	9.95
L-518 Viewfinder	29.95

CALL FOR A COPY OF OUR NEW SPECIALTY CATALOG(S) EACH CONTAINS MANY USEFUL EVERYDAY ITEMS AS WELL AS MANY HARD-TO-FIND ACCESSORIES

DARKROOM **PHOTOGRAPHY**

BINOCULAR **VIDEO**

UNDERWATER

SeaLife

REEFMASTER *Underwater Dive Camera Outfit*

- *Fully automatic 35mm camera*
- *F stop: 3.5 glass lens*
- *1/140 shutter speed*
- Hard molded underwater housing with "easy grip" rubber armoring
- Waterproof, shockproof hard carrying case
- Includes Care Kit Silicone Grease and lanyard
- Operational depth to 164' (50 meters). **179.95**

3X Macro Close Up for Reemaster **39.95**

Sea Life 35mm U.W. Camera Outfit **89.95**

ikelite

UNDERWATER SYSTEM CAMERA HOUSINGS

New Aquashot 3 w/film	59.95
New Aquashot 3-E	64.95
New Aquashot 3-E w/Fuji Camera	109.95
New Aquashot III Outfit	
w/Strobe & Accessories	209.95
f/Canon EOS Rebel x/s	569.95
f/Canon EOS A2/A2E	569.95
f/Nikon N90, 8008S, N70, N50, 6006	

VIDEO HOUSINGS

Most Housings	639.95
Video-Lite 45	224.95

BALL HEADS

ARCA-SWISS MONOBALLS

3 YEAR WARRANTY

Ball #1 w/Quick Release	398.95
Ball #1E Economy w/QR	309.95
Ball #1G Giant w/Quick Rel	499.95
Ball #2 w/Quik Release	649.95
1/4" Plates for Arca	34.95
35mm Plate	29.95

ADORAMA'S ADVERTISED PRICES INCLUDE ALL MFR. ACCESSORIES & ARE FULLY WARRANTIED. ORDERS SHIPPED PROMPTLY

All Orders are Shipped Via UPS 3 DAYS Select

Camera Accessories

Dial for Direct SLR Accessories #42

VISIT US ON THE WEB @ www.AdoramaCamera.com

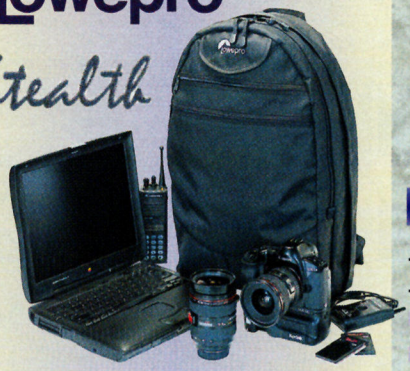
All Orders are Shipped Via UPS 3 DAYS Select

MAIL ORDER HOURS DAY & NIGHT: MON–THURS. 9AM TILL 9:30 PM EST

Dial Direct Film Dept. #41

Lowepro

Stealth



Amazingly compact and well-organized, Stealth is small enough to fit into overhead airplane compartments, roomy enough for the essentials of a news photographer's frantic schedule and attractive enough to attend a black-tie event.

Dimensions: 14W x 21H x 4.75D in
Computer Insert: 13W x 11H x 3D in

$189.95

- Main compartment holds a removable padded laptop insert that can be accessed through the main zipper. • Also contains: 3 neoprene interior pouches for lenses etc.. with drawstring compression for security
- 2 roomy neoprene pockets for large 35mm camera bodies
- Laminated mesh pocket for cables etc...

Stealth comes with S&F Phone Pouch attached to the harness sliplock.

NATURE TREKKER AW

35mm Capacity: 1-2 SLRs, 5 - 7 lenses, flash and accessories

- Has a great BACKPACK HARNESS SYSTEM
- ALL WEATHER COVER
- LAMINATED SEE-THROUGH MESH POCKETS
- QUICK RELEASE BUCKLES

$189.95

Size: 11.5W x 6D x 16.75 H In.

Colors: Black, Forest Green

PRO TREKKER AW

$319.95

35mm Capacity: 2 large professional SLRs, 10 - 12 lenses, flash and accessories

Size: 12W x 6D x 20.5H in

STREET & FIELD ROVER LIGHT

Two-compartment S&F "economy" backpack model, fully padded removable bottom camera compartment

Features:

$109.95

Built-in tripod holder drops down on the front can be stowed away when not needed. Top and bottom tripod stabilizer Quick Ties. Mesh side pockets. Top handle. Padded harness with sternum strap. SlipLock slots on the padded waistbelt. Inner laminated mesh pocket. 2 outer front zipper pockets. Removable padded dividers.

Inside Dimensions: top: 11W x 11H x 5.5D in
Bottom: 11W x 8.5H x 5.5D in

PROFESSIONAL AW
ALL WEATHER CASES

Commercial AW	191.95
Commercial AW Med. Format	216.
Magnum AW	161.95
Magnum AW Med.Format	163.95
Pro Mag 1 AW	108.95
Pro Mag 2 AW	119.95
Compact AW	126.95
Elite AW	106.95
Mini Magnum AW	85.95

PHOTO TREKKER CLASSIC
$152.95

Mini Trekker
12"L x 6"D x 15.5"H

$99.95

- Ideal for day trip travel
- Backpack with super comfortable shoulder straps
- Holds 2 SLRs with 6-8 lenses plus flash and Accessories
- Large Front pocket
- Laminated mash pockets
- Slides easily under airline seat.

TREKKING SERIES

Mini	99.95	Trim	110.95
Micro Trekker 200	79.95		
Micro Trekker 100	65.95		
Stealth AW	193.95		
Nature Trekker	189.95		
Photo Trekker AW	229.95		
Pro Trekker AW	319.95		
Super Trekker AW	Call		
Sideline Shooter	51.95		
Orion	46.95	Orion Mini	31.95
Orion Trekker Daypack	60.95		
Off-Road	72.95	Orion AW	122.95
Photo Runner	43.95		
Off Trail 1 Belt Pack	37.95		
Off Trail 2	62.95		

ACCESSORIES

Pro Lens Cases	Call
Photo Gloves	18.95

PRO ROLLER

New Pro Roller Mini	169.95
Pro Roller#1	239.95
Pro Roller#2	279.95

COMPACT SERIES

Topload Zoom 2	27.95		
Topload Zoom AW	49.95		
Topload Zoom Pro AW	52.95		
Nova -1	32.95	Nova 3	43.95
Nova -2	36.95	Nova 4	52.95
Nova 5	61.95		

STREET & FIELD SERIES

Lens Trekker 600	129.95
Rover AW	129.95
Rover AW Kit	168.95
Rover Light Back Pack	115.95

Kodak PRO Products Network

At Adorama, all Kodak professional films are made for the U.S.A. and covered by Kodak Warranties, and qualify for Kodak PRO-Rewards Program

MAINTAINED.

And of course, whatever you order comes with Adorama's Chill 55º quality film control — at no extra cost.

KODAK FILM

COLOR PRINT FILM 35mm

Film	ASA	135-24 DI	135-24 Roch.	135-24 Proc. DI	135-24 Proc. Roch.	135-36 DI	135-36 Roch.	135-36 Proc. DI	135-36 Proc. Roch.
GA	(100)	1.59	2.75	8.18	9.24	2.09	3.59	10.48	11.98
GB	(200)	1.85	3.09	8.38	9.58	2.29	3.89	10.68	12.28
GC	(400)	2.09	3.25	8.58	9.74	2.59	4.29	10.98	12.68
GT Gold Max	(800)		3.49		9.98	3.59	4.89	11.98	13.28
Royal Gold RA	(100)	2.99	3.19	9.48	9.68	3.49	4.15	11.88	12.44
Royal Gold RB	(200)	3.49	3.70	9.98	10.19	3.99	4.69	12.38	13.08
Royal Gold RC	(400)	3.69	3.99	10.18	10.48	4.49	4.89	12.88	13.28

SLIDE FILM 35mm

	ASA	135-24 DI	135-24 Roch.	135-24 Proc. DI	135-24 Proc. Roch.	135-36 DI	135-36 Roch.	36X w/KODAK PR. DI	36X w/KODAK PR. Roch.	36X w/FUJI P/. DI	36X w/FUJI P/. Roch.
KM	(25)	—	—	—	—	-	5.75	-	10.04	-	-
KR	(64)	—	3.99	—	7.36	-	4.15	-	8.44	-	-
KL	(200)	—	5.19	-	8.56	-	6.89	-	11.18	-	-
Elite EB	(100)	2.99	3.99	6.36	7.36	3.09	4.29	7.48	8.58	6.38	7.58
Elite EBX	(100)	—	4.19	-	7.56	3.29	4.49	7.58	8.78	6.58	7.78
ET	(160)	—	-	-	-	5.69	7.99	9.98	12.28	8.98	10.38
Elite ED	(200)	4.29	5.19	7.66	8.56	4.79	6.39	8.94	10.68	7.94	9.68
Elite EL	(400)	—	5.99	—	9.36	5.39	-	9.68	-	8.68	-

PRO COLOR PRINT FILM USA 35mm 120/220

Film	ASA	135 -36	36X with PROC	135 36 PP	120 Single	120 ProPak	220 ProPak
PJ-100	(100)	3.19	11.58	15.95	–	–	–
PRT	(100T)	–	–	–	3.79	18.95	–
VPS	(160)	5.39	13.78	26.95	–	–	–
PJ 400	(400)	3.39	11.78	16.95	–	–	–
PJ 800	(800)	3.59	12.38	19.95	–	–	–
PMZ	(1000)	6.30	14.69	31.50	3.95	19.75	39.95
Portra 160 NC		5.50	13.89	27.50	3.49	17.45	34.90
Portra 160 VC		5.50	13.89	27.50	3.49	17.45	34.90
Portra 400 NC		5.79	14.18	28.95	3.60	17.99	36.60
Portra 400 VC		5.79	14.18	28.95	3.60	17.99	36.60
New! Portra 800		6.59	14.98	32.95	4.39	21.95	.
New! Supra 100		Call	Call	Call	–	–	–
New! Supra 400		Call	Call	Call	–	–	–
New! Supra 800		Call	Call	Call	–	–	–

Bulk 100'

Kodalith 6556	42.95
5072	69.95
5325	86.95
Portra 160NC	44.95
Portra 400NC	43.95
GPX (160) 135-8 Exp ProPack (10)	15.95

PRO SLIDE FILM USA 35mm 120/220

	ASA	135-36	36X w/KODAK PROC.	36X w/FUJI PROC	120 Single	120 ProPak	220 ProPak	Bulk 100'
EPY	(64)	8.39	12.68	11.68	4.69	–	–	89.95
EPR	(64)	9.49	13.78	12.78	4.99	24.95	47.95	98.95
PKR	(64)	8.89	13.18	-	–	–	–	–
EPN	(100)	8.89	13.18	11.18	4.59	22.95	46.95	89.95
EPP	(100)	8.89	13.18	11.18	4.49	22.45	44.95	88.95
E100 S	(100)	5.99	10.28	9.28	3.89	19.45	39.95	93.95
E100 SW	(100)	5.99	10.28	9.28	3.89	19.45	39.95	89.95
E100 VS	(100)	5.99	10.28	9.28	4.19	20.95	44.95	99.95
EPT	(160)	9.69	13.88	12.48	5.19	25.95	–	99.95
E-200	(200)	6.99	11.28	10.28	4.39	21.95	47.95	99.95
PKL	(200)	9.79	14.08	-	–	–	–	–
EPJ	(320T)	9.99	14.28	13.28	–	–	–	–
EPL	(400)	9.95	14.24	13.24	5.59	–27.95	–	115.95
EPH	(1600)	11.49	–	–	–	–	–	–
5071	(DUP)	6.99	11.28	10.28	–	–	–	42.95
HCS	(EKTA)	5.49	9.78	8.78	–	–	–	–
S0366		7.29	11.58	10.58	–	–	–	59.95
S0279		7.19	–	–	–	–	–	–
EIR		18.95	–	–	–	–	–	–

BLACK & WHITE FILM USA 35mm Prof. 120/220

	ASA	135 24	135 24 Proc.	135 36	135 36 Proc	120 PP	120 PP	220 PP	Bulk 100'
PX	(125)	2.59	9.08	3.69	12.08	–	–	–	–
PXP	(125)	–	–	–	–	12.49	25.50	31.95	–
TXP	(320)	–	–	–	–	*11.39	*22.95	–	–
TX	(400)	2.59	9.08	*3.19	*11.58	*2.24	–	–	33.95
TMX	(100)	2.69	9.18	*3.45	*11.84	*2.19	*10.95	–	34.95
TMY	(400)	2.89	9.38	*3.55	*11.94	*2.29	*11.45	–	36.95
T400 CN	(C41)	2.99	9.48	4.09	12.48	2.69	–	28.95	–
B&W Plus	(C41)	2.99	–	–	–	–	–	–	–
TMZ	(3200)	–	–	4.69	–	–	–	–	84.95
TP	(Copy)	–	–	6.79	–	5.49	–	–	–
VP	(120)	–	–	–	–	2.19	–	150'→	59.95
HIE		–	–	8.99	–	–	–	–	–

KODAK PREMIUM PROCESSING Processing By Mail

MAILERS for Prints

DP-12	4.49	DP-24	6.49
DP-36	8.39		

for Slides

PK-12	5.99	PK-24	3.37
PK-36	4.29	ESP-1 (push)	2.69
PK-59 (Movie)	5.59		

for PHOTO CD

PKT-24	17.95	DPT-24	17.95
Fuji Slide Mailer (36X)	3.29		

KODAK SHEET FILM USA

COLOR PRINT	4x5 10	4x5 50	8x10 10	8x10 50
4106 (VPS)	16.95	74.95	61.95	–
4111 (Vericolor)	9.95	–	34.95	155.95
4325 (Comm Int.)	17.95	79.95	65.95	307.95
PRT (100T)	18.29	83.95	69.95	–
Portra 160 NC	17.49	78.95	64.95	–
Portra 160 VC	17.49	79.49	64.95	–
Portra 400 NC	19.95	–	74.95	–

COLOR SLIDE	4x5 10	4x5 50	8x10 10	8x10 50
6117 (EPR)	21.95	97.95	81.49	384.95
6118 (EPY)	18.95	87.95	71.95	334.95
6121 (DUP)	39.95	70.95	141.95/25	271.95
6105 (EPP)	19.95	91.95	75.95	349.95
7058 (EPN)	19.95	91.95	75.95	349.95
E100 S	19.95	89.95	74.95	349.95
E100 SW	19.95	89.95	67.95	317.95
E100 VS	20.95	94.95	78.95	368.95

BLACK & WHITE	4x5 25	4x5 100	5x7 100	8x10 25	8x10 50
4147 (PX)	16.95	62.95	104.95	54.95	107.95
4164 (TX)	16.95	62.95	105.95	54.95	108.95
4052 (TMX)	16.95	62.95	105.95	54.95	–
4053 (TMY)	16.95	66.95	109.95	57.95	–
T400-CN	8.95	10 Sheets			
4125 (Copy)	23.95	89.95	139.95	–	151.95
4127 (Comm)	29.95	–	–	–	189.95
2556 (Ortho)	–	45.95	–	100 Sht.	144.95
4143 (HIE)	49.95	–	–	–	–
4415 (TP)	35.95	–	–	124.95	–
4162 (Ektapan)	18.95	68.95	109.95	–	117.95

DISPOSABLE CAMERAS

KODAK Fun Savers

Fun Saver 4.29	w/Flash	5.99	
Panoramic 6.69	Weekend	7.65	
Wedding Pack (5)		36.95	
Fun Saver APS w/Flash		7.95	

FUJI Quick Snaps

Outdoor 3.99	w/Flash	5.49	
Panorama 7.49	w/Flash	12.99	
Water Proof		8.79	

AGFA FILM

Wedding Pack	28.95

KODAK MOVIE FILM

PXR 464 (B&W)	11.19
TXR 464 (B&W)	11.19
KMA 464 (silent)	11.15

Scotch 3M

COLOR SLIDE FILM

135-36...w/Proc.	
Scotch 100	2.99 / 6.28
Scotch 400	4.79 / 7.58
Scotch 640 T	5.49 / 8.78

4x5 READY LOAD (20 Sheets)

64T	(64)	49.95	E100S 51.95
EPP	(100)	52.95	E100SW 51.95
PRN	(100)	48.95	Ready Load Holder 54.95
TMX	(100)	33.95	HP Combo Plan T Sys. 44.95

*Prices Are Based After Kodak Rebate

FILM SPECIALS

KODAK

E100 S (100) 135-36 (20 Pack)	$113.95
E100 SW (100) 135-36 (20 Pack)	$113.95
E100 VS (100) 135-36 (20 Pack)	$115.00
E200 (200) 135-36 (20 Pack)	$138.95
PJ100 (100) 135-36 (20 Pack)	$62.95
PJ400 (400) 135-36 (20 Pack)	$65.95
PJ800 (800) 135-36 (20 Pack)	$69.95

FUJI

Press (400) 135-36 (20 Pack)	$50.00

CLEARANCE KODAK

PMC (400) 120	$2.39
PMC (400) 220	$4.59
PPF (400) 120	$2.39
PPF (400) 220	$4.59
PRN (100) 135-36	$3.59

FUJI FILM

Professional

Fujicolor Print Film

	ASA	35mm 24	35mm w/p	35mm 36x	Roll Film w/p	Roll Film 120
CU	(1600)	3.19	9.68	3.99	12.38	—
CS Reala	(100)	2.45	8.94	2.99	11.38	2.09

Superia / Press Film

Superia	(100)	1.69	8.18	1.89	10.28	1.85
Superia	(200)	1.79	8.28	1.95	10.34	—
Superia	(400)	2.09	8.59	2.79	11.18	—
Superia	(800)	—	—	3.49	11.88	—
Press -800	(800)	—	—	3.39	11.78	—

SENSIA SLIDE FILM

	ASA	24X	24X w/p	36X	36X with Processing by Fuji	36X with Processing by Kodak
RA	(100)	2.59	5.96	2.99	6.28	7.28
RM II	(200)	2.89	6.26	3.79	7.08	8.08
RH II	(400)	3.89	7.26	4.99	8.28	9.28

FUJI QUICK LOAD

Film Holder	104.95	RDP III Provia	56.19
RVP Velvia	57.49	RTP 64T	54.69
RAP Astia	56.19		

FUJICHROME PROFESSIONAL SLIDE FILM

	ASA	35mm 36X	w/Processing by Fuji	w/Processing by Kodak	120	220	Bulk 100'	4x5 10	4x5 50	8x10 10	8x10 50
RVP Velvia	(50)	4.99	8.28	9.28	2.79	6.49	73.95	19.95	89.95	75.69	351.75
RTP	(64)	5.49	8.78	9.78	3.09	–	86.50	18.90	86.95	72.49	335.95
RAP Astia	(100)	4.99	8.28	9.28	3.09	6.49	69.95	18.95	87.95	73.50	346.50
RDP II Provia	(100)	–	–	–	2.49	–	64.95	–	85.95	Call	–
RDP III Provia	(100)	5.39	8.68	9.68	3.99	8.69	–	19.95	89.95	74.59	346.50
RMS 100/1000		6.39	–	–	4.19	7.99	99.95	–	–	–	–
RHP Provia	(400)	6.09	9.38	10.38	4.19	–	109.95	–	–	–	–
RSP Provia	(1600)	6.69	–	–	–	–	–	–	–	–	–

	ASA	35mm 36X	w/p	Roll Film 120	220	100' Bulk	4x5 10	4x5 50	8x10 10	8x10 50
FUJICOLOR PRO PRINT FILM										
NPS	(160)	3.19	11.58	2.35	5.29	42.95	16.75	75.75	61.95	—
NPL	(160)	—	—	3.49	—	—	17.85	77.75	62.95	—
NPH	(400)	3.59	11.98	2.49	5.69	—	—	—	—	—
NHG II	(800)	5.69	14.08	3.79	6.89	—	—	—	—	—
FUJI PRO BLACK & WHITE FILM										
Neopan	(100)	1.99	10.38	–	–	–				
Neopan	(400)	2.44	10.83	2.25	–	34.95	—	—	—	—
Neopan	(1600)	2.99	11.38	—	–	—	—	—	—	—
CDU Duplicating		—	—	—	–	42.95		67.95		257.95
ITN Internegative		—	—	—	–	74.95	17.59	79.95	65.49	302.95

Equipment for photographers worldwide is a quick click away

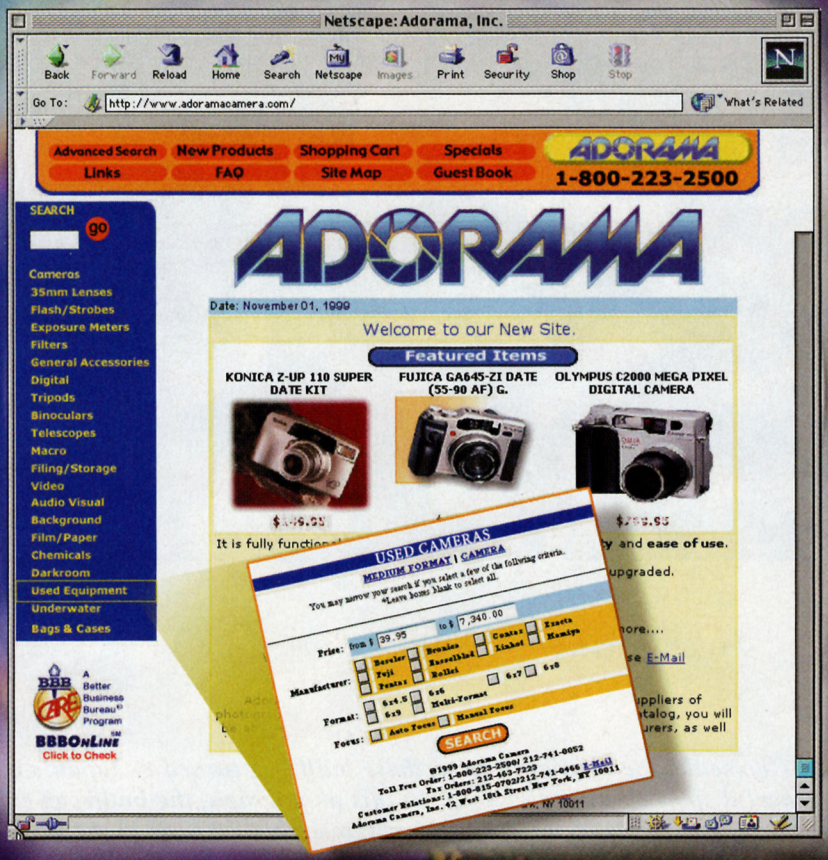
Over 40,000 NEW items & Over 15,000 USED items ONLINE

Adorama has earned its reputation as one of the largest suppliers of photographic equipment anywhere. With over 40,000 items in our online catalog, you will easily be able to find products from all the well known manufacturers, as well as a vast array of unique and hard-to-find items.

Easy Search

Your account is charged only for items shipped

Check Our New Web Site



3% DISCOUNT

Now take an additionl 3% off our low prices when you order online!

Enter code "OP5741" into the Promo Box located on your checkout screen (limited time offer)

www.AdoramaCamera.com

ADORAMA inc.

Order Toll Free 800-223-2500 • 212-741-0052 • Fax 463-7223 • Customer Service 800-815-0702
42 West 18th Street • New York, NY 10011 • Email: Info@adoramacamera.com

Michael Wilhelm

SUMO!

To settle a territorial dispute, these bullfrogs turned to Japan's most graceful sport—Sumo wrestling. In this photograph, the bullfrogs exhibit the classic Sumo technique* nodo-wa*, meaning "thrusts to the throat." The challenger, a lightweight from a neighboring wetland, croaked a loud battlecry, but in the end was no match for the pond's defender. After only a few moments of struggle, the defending frog emerged as the* yokozuna*, or "grand champion," and kept the pond for himself, sending the challenger into exile. Photographer Michael Wilhelm was on hand to witness this battle for pond domination.

Canon EOS 1, Canon 300mm *f*/4, Fujichrome 100

Outdoor Photographer *(ISSN: 0890-5304)*—**Vol. 16 No. 4**— *is published monthly except bimonthly Jan./Feb. and July/Aug. by Werner Publishing Corp. Executive, editorial and advertising offices: 12121 Wilshire Blvd., Suite 1200, Los Angeles, CA 90025-1176, (310) 820-1500. Periodicals Postage Paid at Los Angeles, Calif., and additional mailing offices. Single copy price—$4.99. Annual subscription in U.S., Possessions, APO/FPO—$19.94. Canada—$28.83; other foreign—$26.94, including postage and taxes. Payable in U.S. funds. For orders, address changes and all other customer service, phone toll-free (800) 283-4410. POSTMASTER: Send address changes to* **Outdoor Photographer**, *Box 57213, Boulder, CO 80328-7213. Canada Post Publications Mail Class Agreement No. 1559788. See magazine mast for specific information on solicited and unsolicited contributions and the purchase of back issues.*

Excellence & Innovation Proven Worldwide

Special Prize
Camera Grand Prix '99
JAPAN

1999
"Best of What's New"
Popular Science
USA

1999-2000
European Imaging &
Sound Association
EUROPE

1999-2000
European Photo &
Imaging Best Lens
EUROPE

AF28-300mm
F/3.5-6.3 LD Aspherical (IF) Macro

50th ANNIVERSARY
TAMRON

Silver model to
match your camera

With sweeping results come the awards! Groundbreaking lens technology with Tamron's AF28-300 has magnificently caught the images of photographers worldwide, garnering fanatical praise and prestigious awards by the experts. Now, whether focusing very close or very far, amazing detail and brilliant color is captured for the first time without the need to switch lenses. Tamron's AF28-300 is the only interchangeable lens with a Quad-Cam Zoom mechanism which was invented to achieve compactness at 28mm while holding precise extension at 300mm. With a newly designed Internal Focusing (IF) System and Low Dispersion glass, image quality is remarkable. This new and revolutionary technology has ushered in the 21st century, proving that the future is here. The best lens of both Millenniums, proven worldwide. Now you be the judge!

6 YEAR WARRANTY
TAMRON USA

SHARPER BY DESIGN
TAMRON

Tamron USA, Inc. 125 Schmitt Blvd., Farmingdale, NY 11735 (631) 694-8700 Fax (631) 694-1414 www.tamron.com In Canada, Amplis Foto, 22 Telson Rd., Markham, Ontario L3R1E5 amplis@planeteer.com

▲ Circle No. 206 on Reader Service Card.

JEEP® WRANGLER

Take your body where your mind has already wandered. Out there. Where water doesn't come in coolers. The air is free from the ring of phones. And the only meeting you have is a one-on-one with a 12-pound trout. In Jeep Wrangler, you have the freedom. The kind of freedom afforded by legendary off-road prowess. Like shift-on-the-fly 4-wheel drive and Quadra-Coil™ suspension. But Jeep freedom is a state of mind as much as it is state-of-the-art engineering.

In Wrangler, you connect with something individual. Yet, at the same time, something bigger. You join a membership of owners that covers the globe.

Expand the scope of your wanderings. Visit our Web site at www.jeep.com or call 1-800-925-JEEP.

Jeep®

THERE'S ONLY ONE

Jeep is a registered trademark of DaimlerChrysler.